

• • • • •

TOWN OF ANDOVER

ANNUAL REPORT
YEAR ENDING JANUARY 11, 1898

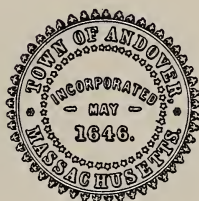
• • • • •



47.411

THE
ANNUAL REPORT
OF THE
Receipts and Expenditures
OF THE
TOWN OF ANDOVER

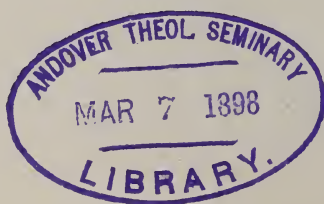
For the Financial Year Ending January 11, 1898



ANDOVER, MASS.
THE ANDOVER PRESS
1898

CONTENTS.

Abatement of Taxes,	48	Memorial Day,	45
Almshouse,	64	Military Aid,	51
Personal Property at,	65	Miscellaneous,	52
Relief out of,	60	Notes discounted,	49
Remaining in,	64	Notes paid,	49
Repairs at,	59	Overseers of Poor,	57
Anniversary, 250th,	45	Park Commission,	47
Assessors' Report,	74	Printing and Stationery,	45
Assets,	75	Punchard Free School,	98
Auditors' Certificate,	82	Representative Fund,	63
Board of Health,	96	Ridge Street,	35
Bonds, Redemption of,	46	Schedule of Town Property,	56
Cemetery Com., Report of,	70	School-houses,	24
Chief Engineer's Report,	66	Schools,	21
Chief of Police, Report,	68	School Books and Supplies,	26
Cities and Towns,	62	Selectmen's Account,	21
Collector's Account,	73	Sewer Commissioners' Report,	83
Commonwealth,	61	Sidewalks,	33
Cornell Fund,	81	Sinking Fund,	45
County Tax,	48	Snow, Removal of,	31
Dog Tax,	48	Soldier's Relief,	61
Drinking Fountain,	47	Spring Grove Cemetery,	46
Dump, Care of,	46	State Aid	50
Fire Alarm,	44	State Highway,	47
Fire Department,	42	State Tax,	48
Hay Scales,	47	Street Lighting,	47
Highways and Bridges,	28	Summary of Appropriations	
Highway Surveyor,	37	and Receipts,	54
Horses and Drivers,	39	Summary of Selectmen's Orders,	55
Horses and Drivers, Earnings,	53	Town House,	42
Insurance,	49	Town Meetings,	5
Interest on Notes and Funds,	48	Town Officers,	40
Liabilities,	75	Town Warrant,	101
Librarian's Report,	110	Treasurer's Account,	75
Lunatic Hospitals,	62	Waterworks maintenance,	45
Macadam Roads,	36	Watering Carts,	45
Memorial Hall Trustees'			
Report,	105		



49,411

ERRATA.

Page 3.

Engineers of Fire Department.

LEWIS T. HARDY, Chief, GEORGE D. LAWSON, Clerk
ANDREW McTERNEN, ALLAN SIMPSON,
 LOUIS A. DANE.

School Committee.

Mrs. ELIZABETH HINCKS,	Term expires 1898
Should be Mrs. ELLA S. MORRILL,	“ “ 1898

Page 42.

Burns & Crowley, repairs on flag,	\$25 44
Should be Hardy & Cole, repairs,	25 44



TOWN OFFICERS, 1897.

Selectmen, Assessors and Overseers of Poor.

ARTHUR BLISS,	Term expires March, 1899
SAMUEL H. BOUTWELL,	“ “ “ 1900
JOHN S. STARK, Secretary,	“ “ “ 1898

Town Clerk and Tax Collector.

ABRAHAM MARLAND.

Town Treasurer.

GEORGE A. PARKER.

School Committee.

J. NEWTON COLE, Chairman,	Term expires 1900
MRS. LIZZIE A. WILSON,	“ “ 1898
MRS. ELIZABETH HINCKS,	“ “ 1898
THOMAS DAVID,	“ “ 1898
GEORGE D. PETTEE,	“ “ 1900
WILLIAM SHAW,	“ “ 1900
JOHN ALDEN,	“ “ 1899
JOHN N. COLE,	“ “ 1899
WILLIAM ODLIN,	“ “ 1899

Superintendent of Schools.

G. E. JOHNSON.

Water Commissioners.

JOHN H. FLINT, Chairman,	Term expires March, 1899
FELIX G. HAYNES, Secretary,	“ “ “ 1900
JAMES P. BUTTERFIELD,	“ “ “ 1898

Waterworks Superintendent.

JOHN E. SMITH.

Engineers of Fire Department.

LEWIS T. HARDY, Chief,	GEORGE D. LAWSON, Clerk
ANDREW McTERNEN,	NATHAN E. MEARS.

Superintendent of Streets.

GEORGE W. CHANDLER, Term expires 1898

Board of Health.

ARTHUR BLISS, Chairman,	Term expires	1898
CHARLES E. ABBOTT, M. D., Secretary,	" "	1899
HOWELL F. WILSON,	" "	1900

Sewer Commissioners.

WILLIAM S. JENKINS, Chairman,	Term expires	1900
JOHN L. SMITH,	" "	1899
JOHN E. SMITH,	" "	1898

Chief of Police.

GEORGE W. MEARS. Appointed.

Constables.

BARNETT ROGERS, WILLIAM L. FRYE,
JOHN H. CLINTON.

Trustees of Memorial Hall.

GEORGE W. FOSTER,	Term expires	1903
GEO. H. TORR,	" "	1899
C. C. CARPENTER,	" "	1900
JOSEPH W. SMITH,	" "	1901
FRANCIS H. JOHNSON,	" "	1902
JOSEPH A. SMART,	" "	1898
E. KENDALL JENKINS,	" "	1904

Trustees of Punchard Free School.—Term expires 1898.

GEORGE H. POOR,	SAMUEL H. BOUTWELL
HORACE H. TYER,	MYRON E. GUTTERSON,
GEORGE A. PARKER.	

Auditors.

CHARLES B. JENKINS, GEORGE A. HIGGINS,
LOUIS A. DANE.

TOWN MEETINGS.

Annual Town Meeting, March 1, 1897.

WARRANT.

ESSEX, SS: To either of the Constables of the Town of Andover. GREETING :

In the name of the Commonwealth of Massachusetts, you are hereby directed to notify and warn the inhabitants of the Town of Andover, qualified to vote in town affairs, to meet and assemble at the Town House, in said Andover, on Monday, the First day of March, 1897, at Nine o'clock, A. M., to act on the following Articles, namely :

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2d. — To choose Town Clerk, Treasurer, Collector of Taxes, One member of the Board of Selectmen, Assessors and Overseers of the Poor for three years, one member of the Board of Health for three years, three members of the School Committee for three years, and one member for one year, one Water Commissioner for three years, one Trustee of the Memorial Hall for seven years, one Sewer Commissioner for three years, one or more Auditors of Accounts, Park Commissioners, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, Highway Surveyor, Trustees of Cornell Fund, Fire Wards, a Pound Keeper, and any other officers the town may determine to choose.

Article 3d. — To take action on the following question :
 “ Shall Licenses be granted for the Sale of Intoxicating
 Liquors in this town ? ”

Article 4th. — To determine what sums of money shall be appropriated for Schools, School-Houses, School Books and Supplies, Highways and Bridges, Sidewalks, Removing Snow, Horses and Drivers, Town Officers, Town House, Hay Scales, Fire Department, Insurance, Street Lighting, Printing and Stationery, Memorial Day, State Aid, Military Aid, Waterworks, Interest, State Tax, County Tax, Abatement of Taxes, Almshouse Expenses, Repairs on Almshouse, Relief out of Almshouse, Spring Grove Cemetery, and other town charges and expenses.

Article 5th. — To see if the Town will authorize the construction of a fire alarm system and appropriate a sum of money therefor on petition of Engineers.

Article 6th. — To see if the Town will discontinue the cutting of wood and removal of gravel from its land on Indian Ridge, so called for the coming year, on petition of Albert Poor and eight others.

Article 7th. — To see if the Town will hold its land on Indian Ridge, so called as a forest reservation, on condition that the adjoining land bonded to the Indian Ridge committee be obtained by private subscription, and devoted to the same object before the Annual Town Meeting in 1898, on petition of Albert Poor and ten others.

Article 8th. — To see if the Town will appropriate a sum of money to place electric lights on Mineral Street, near New Street of Peter D. Smith, one on Abbott Street near residence of T. D. Thomson, and one on South Main Street near residence of Chas. H. Forbes.

Article 9th. — To see if the Town will appropriate a sum of money for a steam fire engine, on petition of Engineers.

Article 10th. — To see if the Town will appropriate a sum of money to continue the concrete sidewalk on the southerly side of the plot near the station, on petition of the Village Improvement Society.

Article 11th. — To see if the Town will adopt the provisions of Chapter 186 of the Legislative Acts of the year 1895, relating to the street watering, and determine the area of such watering, and appropriate a sum of money for the purchase of watering carts or wagons.

Article 12th. — To see if the Town will purchase for a park the Richardson land (situated north of the Punchard School grounds) and what sum of money they will appropriate therefor, on petition of Wm. S. Jenkins and others.

Article 13th. — To see if the Town will accept Ridge Street as laid out by the Selectmen and appropriate a sum of money for constructing the same.

Article 14th. — To see if the Town will appropriate money sufficient to place a suitable drinking fountain, for man and beast, on Andover Hill near the terminus of the electric car line, on a petition of Egbert C. Smyth and ten others.

Article 15th. — To act on the reports of Town officers.

Article 16th. — To see if the Town will accept the list of names for Jurors prepared by the Selectmen.

Article 17th. — To fix the pay of the Firemen for the ensuing year.

Article 18th. — To determine the method of collecting taxes the ensuing year.

Article 19th. — To determine the disposition of unexpended appropriations.

Article 20th. — To authorize the Treasurer to hire money for the use of the Town, in anticipation of taxes upon the approval of the Selectmen.

Article 21st. — To determine the amount of money to be raised by taxation the ensuing year.

Article 22d. — To transact any other business that may legally come before the meeting

Hereof fail not, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting.

Given under our hands, at Andover, this the Thirteenth day of February, in the year one thousand eight hundred and ninety-seven.

ARTHUR BLISS,	} <i>Selectmen</i>
SAM'L H. BOUTWELL,	
JOHN S. STARK,	
	<i>of</i>
	<i>Andover.</i>

At a legal meeting of the inhabitants of the Town of Andover qualified to vote in town affairs, convened at the Town House in said Andover, on the 1st day of March, 1897, at nine o'clock in the forenoon, agreeably to the requirements of the foregoing Warrant, and after reading part thereof by the Clerk it was

Voted, To dispense with the further reading of the Warrant.

The Officers Return was read.

Took up Article 1.

Chose George H. Poor, Moderator, by ballot, he receiving all of the four votes cast.

Voted, To close the polls at two o'clock, P. M.

Voted, To elect three Anditors.

Voted, To elect three Constables.

Voted, That the terms of office of the Park Commissioners to be chosen at this meeting shall be for three years, two years, and one year, respectively, in the order in which they are named on the printed ballot; and that hereafter there

shall be chosen at each annual meeting one park commissioner for a term of three years, and that vacancies in said board may be filled at any annual meeting.

The Moderator appointed Arthur Bliss, Samuel H. Boutwell, and John S. Stark tellers to check the names of voters for Town Officers, and Barnett Rogers teller to check names and count License votes, and they were all duly sworn by him to the faithful performance of their duty.

At ten minutes past nine the polls were opened and the meeting proceeded to ballot for Town Officers, and to vote upon the Liquor License question.

Article 2 and 3 were taken up and voted upon together.

The Standard ballot box failed to work properly and was laid aside, an open box being substituted therefor in taking the vote on the Liquor License question.

The polls were closed at 2 o'clock P.M.

The Moderator appointed George W. Foster, Colver J. Stone, and Frank H. Hardy tellers to count votes for Town Officers, and they were duly sworn to the faithful performance of their duty; Barnett Rogers counted the Liquor License vote.

The whole number of votes cast was 612

Necessary for a choice where there were two or more
candidates for the same office, 307

FOR TOWN CLERK AND COLLECTOR OF TAXES:

Abraham Marland had 612

FOR TOWN TREASURER:

George A. Parker had 610

FOR SELECTMAN, ASSESSOR, AND OVERSEER OF POOR.

Samuel H. Boutwell had 602

FOR BOARD OF HEALTH,—3 years:

Arthur Bliss had 611

FOR SCHOOL COMMITTEE,—3 years :	
J. Newton Cole had	610
William Shaw had	611
George D. Pettee had	611
FOR MEMBER OF SCHOOL COMMITTEE,—1 year :	
Mrs. Ella S. Morrill had	609
Mrs. E. Y. Hincks had	1
FOR WATER COMMISSIONER,—3 years :	
Felix G. Haynes had	612
FOR TRUSTEE OF MEMORIAL HALL,—7 years :	
E. Kendall Jenkins had	612
FOR SEWER COMMISSIONER,—3 years :	
William S. Jenkins had	610
FOR AUDITORS OF ACCOUNTS :	
George A. Higgins had	608
Louis A. Dane had	608
Charles B. Jenkins had	610
FOR PARK COMMISSIONERS :	
Albert Poor for 3 years had	607
Wm. G. Goldsmith for 2 years had	611
Frank S. Mills for 1 year had	607
FOR CONSTABLES :	
George W. Mears had	607
William H. Sleath had	611
William L. Frye had	608
John H. Clinton had	1
FOR FENCE VIEWERS :	
Michael T. Welch had	609
William H. Carter had	612
Charles G. Hussey had	611
John Pray had	1
FOR HIGHWAY SURVEYOR :	
George W. Chandler had	364
Joseph T. Lovejoy had	246

All the foregoing officers elected were chosen by ballot, the check list being used.

And the Moderator declared —

Abraham Marland elected Town Clerk and Collector of Taxes.

George A. Parker elected Town Treasurer.

Samuel H. Boutwell elected Selectman, Assessor and Overseer of the Poor for three years.

Arthur Bliss elected Board of Health for three years.

J. Newton Cole, William Shaw, and George D. Pettee, elected School Committee for three years.

Mrs. Ella S. Morrill elected School Committee for one year.

Felix G. Haynes elected Water Commissioner for three years.

E. Kendall Jenkins elected Trustee of Memorial Hall for seven years.

William S. Jenkins elected Sewer Commissioner for three years.

George A. Higgins, Louis A. Dane, and Charles B. Jenkins, elected Auditors of Accounts.

Albert Poor, William G. Goldsmith, and Frank S. Mills, elected Park Commissioners.

George W. Mears, William H. Sleath, and William L. Frye elected Constables.

Michael T. Welch, William H. Carter, and Charles G. Hussey, elected Fence Viewers.

George W. Chandler elected Highway Surveyor.

The result of the vote on the Liquor License question was declared by the Moderator to be as follows :

“ Yes,” 140. “ No,” 265. Total, 405.

Chose Field Drivers : Charles Greene, John L. Noyes, J. Warren Mooar, William H. Tucker.

Chose Surveyors of Lumber : Charles Greene, Joshua H. Chandler, George P. Pillsbury, Charles G. Hussey, William H. Carter, Frank E. Gleason, Joseph W. Clark, Charles H. Marland, Edward S. Hardy, George W. Chandler, John B. Jenkins.

Chose as Pound Keeper: Superintendent of the Town Farm, and

Voted, That the town barn and barn yard be the pound.

Chose Trustees of Cornell Fund: Frank E. Gleason, for three years; Joseph A. Smart, for two years; Charles Greene, for one year.

Chose Forest Fire Wards: Walter S. Donald, John B. Jenkins, Joshua H. Chandler, Edward S. Hardy.

Moved, That Fire Wards receive fifty cents per hour. The motion was lost. 81, yea; 89, nay.

Voted, to reconsider the last vote.

Voted, That Fire Wards receive fifty cents per hour and their assistants twenty-five cents per hour.

Voted, That separate and distinct account of macadamized road be kept and put into Town Report, so that it may be seen what each piece cost.

Voted, To establish a sinking fund to pay notes due Memorial Hall Trustees, and appropriated one hundred and fifty dollars therefor.

Took up Article 4.

Voted, To appropriate the following stated sums of money :

Schools,	\$20,000
School-houses,	2,500
School Books and Supplies,	1,500
Macadamized Roads,	4,000
Repairs on Highways and Bridges,	3,400

Amount carried forward, \$31,400

<i>Amount brought forward,</i>	\$31,400
Sidewalks (\$1000 of which to be expended under “betterment act”)	1,500
Removing Snow,	500
Town Officers,	5,000
Town House,	1,000
Water-works, maintenance,	4,400
Sinking Fund,	675
Fire Department, including new hose and repairs,	3,200
Horses and Drivers,	3,000
Street Lighting,	4,100
Printing and Stationery,	700
Spring Grove Cemetery (also proceeds of sale of lots),	200
Memorial Day,	200
State Aid,	1,600
Military Aid,	300
Expenses of Almshouse,	4,000
Relief out of Almshouse,	5,000
Repairs on Almshouse,	500
State Tax,	5,000
County Tax,	5,000
Abatement of Taxes,	300
Interest on Notes, Funds, and Bonds,	9,500
Insurance,	500
Hay Scales,	50
Miscellaneous,	1,500
Drinking Fountain (see Art. 14),	125
Fire Alarm (see Art. 5),	2,500
Sinking Fund to pay Memorial Hall note,	150
Park Commissioners (see vote on Art. 22),	200
Ridge Street Improvement (see vote on Art. 10 and 13),	600
Watering Carts,	800
	<hr/>
	\$93,500

Took up Article 5.

Voted, To appropriate \$2500 for construction of Fire Alarm System.

Took up Article 6.

This article was not carried. The vote stood, yes, 75; no, 161.

Moved to reconsider; motion not carried.

The Article reads.—To see if the town will discontinue the cutting of wood and removal of gravel from its land on Indian Ridge, so called, for the coming year, on petition of Albert Poor and eight others.

Took up Article 7.

To see if the town will hold its land on Indian Ridge, so called, as a forest reservation, etc. (see Article in Warrant) Decided in the negative without a count.

Took up Article 8.

Voted, To appropriate \$100 to place electric lights on Mineral Street near new street of Peter D. Smith, one on Abbot Street near residence of T. D. Thomson, and one on South Main Street near residence of Charles H. Forbes.

Voted, To appropriate forty-one hundred dollars for electric lights, including above, and for the purpose of keeping street lights burning until 12.30 A. M.

Took up Article 9.

To see if the town will appropriate a sum of money for a steam fire engine. Decided in the negative.

Took up Article 10.

Deferred consideration until after Article 13.

Took up Article 11.

Voted, To accept provisions of Chapter 186 of the Legislative Acts of 1895, relating to street watering, and determine the area of such watering, and appropriate \$800 for the purchase of watering carts; that the Selectmen determine the limits of streets to be watered, and that the proceeds of assessments be added to highway appropriation.

Took up Article 12.

Voted, That the Park Commissioners be requested to procure estimates of the cost of taking or purchasing for the purposes of a public park the tract of land bounded by Bartlett Street, Whittier Street, and Chestnut Street, and report the same at the next annual meeting.

Took up Article 13.

Voted, To accept Ridge Street as laid out by the Selectmen, and appropriate not exceeding six hundred dollars for construction of same and that Highway Surveyor put curb on other boundary where bank joins School Street.

Took up Article 14.

Voted, To appropriate \$125 to place a suitable drinking fountain for man and beast on Andover Hill, near the terminus of the electric car line.

Took up Article 15.

Voted, To accept the reports of the Town Officers.

Took up Article 16.

Voted, To erase the following names from the Jury List, at the request of the persons: George A. Christie, Thomas A. Mathews and Thomas W. Platt.

Voted, To accept the Jury List as amended, here following :

Abbott, Allen F.	Hackett, William H.
Abbott, Warren G.	Hanson, Eugene A.
Abbot, Edward F.	Hardy, Fred. S.
Abbot, Stephen E.	Haynes, Bancroft T.
Anderson, Frank H.	Hayward, Henry A.
Anderson, James	Hayward, Henry M.
Bailey, Samuel H.	Hoffman, Carl
Billington, Charles F.	Holt, Ballard
Blunt, Charles C.	Jowett, William H.
Bodwell, Lewis F.	Keeland, John E.
Boutwell, Edward W.	Kibbee, Charles E.
Boutwell, Samuel H.	Livingston, William
Bowman, Charles	Lovejoy, Stephen A.
Boynton, Henry	Lowd, Joseph H.
Brown, George A.	McDermitt, Charles
Caffrey, Owen F.	Mooar, J. Warren
Caldwell, Albert W.	Moody, A. Herbert
Carter, William H.	Moulton, Charles N.
Carpenter, Charles C.	Neal, Horace F.
Chandler, Joshua H.	Newman, Henry J.
Cole, Joseph F.	O'Connell, Arthur F.
Daley, James E.	Phelps, Frank C.
Daley, Patrick J.	Poor, Daniel H.
Dane, Louis A.	Putnam, James N.
Davey, John	Riley, Lawrence F.
Dear, Alexander	Stack, John, Jr.
Dodson, Richard J.	Schneider, Louis H.
Donald, Walter S.	Shaw, Benjamin
Erving, Abbott	Stark, John S.
Farnham, Moses L.	Stott, Thomas E.
Flint, James S.	Tuck, M. Warren
Foster, Frank M.	Ward, Wilber F.
Grosvenor, James	Stott, Joshua H.

Took up Article 17.

Voted, That firemen be paid \$25, same as last year.

Took up Article 18.

Voted, That the Tax Collector be paid a salary of one thousand dollars as Town Clerk, Tax Collector, Clerk of Board of Selectmen, Clerk of Board of Registrars of Voters, and all fees collected be turned into the Town Treasury.

Took up Article 19.

Voted, That all unexpended appropriations be turned into the treasury, except twenty-five dollars appropriated for care of town dump, sewer appropriation, and balance of appropriation for two hundred and fiftieth anniversary.

Took up Article 20.

Voted, That the Treasurer be authorized to hire money for the use of the Town, in anticipation of taxes, upon the approval of the Selectmen.

Took up Article 21.

Voted, To raise seventy-five thousand dollars by taxation.

Took up Article 22.

Voted, To appropriate two hundred dollars for use of Park Commission.

Voted, That the land on Carmel Hill, the plat of land already improved near railroad station, and all other open plats of land not used for town purposes, such as the Poor Farm, etc., be placed in the care of the Park Commissioners.

Voted, That the terms of office of the Park Commissioners to be chosen at this meeting, shall be for three years, two years and one year respectively in the order in which they are named on the printed ballot, and that hereafter there

shall be chosen at each annual meeting one Park Commissioner for a term of three years, and that vacancies in said Board may be filled at any annual meeting.

The following is a copy of the Third Annual Report of the Committee of Fifteen on the Two Hundred and Fiftieth Anniversary of the Incorporation of Andover :

THIRD ANNUAL REPORT OF THE COMMITTEE OF FIFTEEN TO
THE TOWN OF ANDOVER, MARCH 1, 1897.

At the Annual Town Meeting of 1896 your Committee of Fifteen on the Two Hundred and Fiftieth Anniversary of the Incorporation of Andover, which committee was appointed at the Annual Meeting in 1894, made its second annual report, which report was accepted and adopted by a gratifying unanimous vote. This report is printed in the Annual Report of the Selectmen for the year ending January 12th, 1897, and may be found on pages 17-20.

Your Committee respectfully report further at this time that they held meetings this year as follows: March 9, 18, April 10, 15, 29, May, 13, 16, 28, 1896, and February 27, 1897. The sub-committees also held numerous meetings in the discharge of their arduous duties.

In addition to the sub-committees previously reported, your committee appointed a committee on Manufacturing and Trades Exhibit, Howell F. Wilson, chairman, thereby adding to the celebration one of the most interesting and instructive features.

The general reception prepared for the 19th of May was reluctantly given up, partly in order to give an opportunity to the committee on Historical Tableaux to repeat the entertainment which had been presented on Saturday evening for the children, and on Monday evening for the adults. At this third presentation many of the guests from out of town were present, So great was the interest in these tableaux that a fourth presentation was arranged and successfully carried out immediately after the third exhibition, Tuesday evening. It is estimated that twenty-eight hundred people had the pleasure of seeing these beautiful historical tableaux.

The endeavor of the committee to provide simultaneous exercises appealing to different tastes and interests, and to open the Loan

Collection and the Trades Exhibit at convenient hours for two or three days instead of a single day, proved to be satisfactory.

The clergymen of the various churches kindly responded to the invitation of the town to preach appropriate sermons, or to make suitable allusions to the approaching anniversary, on Sunday, May 16.

The invitation of the town to the Town of North Andover to unite with us in the celebration, was not officially accepted, but a voluntary committee was made up in North Andover to cooperate with our own committee, and very efficient assistance was rendered, particularly in the Loan Collection. Many citizens of North Andover, some of them specially invited guests of the Town of Andover, contributed by their presence to the distinction of the celebration.

The official programme and other documents submitted herewith and made a part of this report show the work that was done by the various sub-committees, and the various exercises that were held, beginning with Saturday, May 16, 1897, and closing with the band concert and fireworks on the evening of Wednesday, May 20.

The citizens showed from the beginning to end a patriotic interest in the celebration, and the committees experienced from almost all of them a hearty cooperation. The attendance from abroad, and the responses to the special invitations extended by the committee to distinguished representatives of the neighborhood, the county, the state, the colleges and learned societies, and the nation, were very cordial and gratifying.

The committee feel that it is their bounden duty to speak in the highest terms of the manner in which the orator, poet and toast-master discharged the several duties which they undertook at the invitation of the town, and which called out the most striking expressions of admiration and praise.

The principal duty remaining for the committee is to carry forward to completion the book of the proceedings of the celebration, a work which is already far advanced but for which some additional time is required.

The town generously voted the sum of \$4,500 for the purposes of the committee. The receipts and expenditures of the committee are shown in detail on pages 56 to 60 of the Selectmen's report. The balance on hand there reported is \$932.62, an amount which the committee regard as ample for the publication of the proceed-

ings and the official payments of the expenses of the celebration. A copy of the proceedings will be delivered free of cost, to the head of every family in town on application duly received by the secretary of the committee, on or before May 1st.

Your committee recommend accordingly the following votes :

Voted that the thanks of the town of Andover be and hereby are extended to the pastors of the churches in Andover and North Andover who observed the Anniversary, Sunday, May 16, and to the Andover Woman's 'Missionary Society, for the meeting held under their auspices on the evening of that day ; to the orator, Albert Poor, Esq., for his able historical oration ; to Mrs. Annie Sawyer Downs, for her beautiful poem ; to Professor John Wesley Churchill, for his admirable rendering of the poem and for his very acceptable service as presiding officer and toast-master at the dinner ; to the Rev. F. R. Shipman, chaplain of the day ; to the ladies and gentlemen of the North Andover Committee, for their hearty and helpful co-operation ; to the ladies and gentlemen who acted with so much efficiency and success as members of the sub-committees ; and to all who in any way contributed, directly or indirectly, to the successful celebration of this notable anniversary.

Voted that the Committee of Fifteen be continued the coming year and instructed to make a final report at the annual town meeting in March, 1898.

Respectfully submitted,

For the Committee,

CECIL F. P. BANCROFT,

Chairman.

Voted, To accept the report of the Committee of Fifteen on the 250th Anniversary, with the amendment that the General Committee receive a vote of thanks.

The meeting dissolved at five o'clock P. M.

Attest :

ABRAHAM MARLAND,

Town Clerk.

Selectmen's Account.

SCHOOLS.

Appropriation, March 1st,	\$20,000 00
George E. Johnson, Superintendent,	\$1680 64
Eleanor J. Clark, teaching,	472 13
Annie E. Chase, teaching,	560 78
Susan N. Molther, teaching,	490 77
Grace A. Puffer, teaching,	439 25
Carolyn A. Deane, teaching,	441 68
Ella L. Comstock, teaching,	448 66
Edith E. McLawlin, teaching,	557 71
Lucy A. Roach, teaching,	453 12
Annie O. S. Clemons, teaching,	441 65
Florence I. Abbott, teaching,	441 68
Laura F. Farnum, teaching,	466 25
May A. Dacey, teaching,	475 00
Marie L. Saunders, teaching,	150 00
Margaret C. Donovan, teaching,	515 29
Jessie B. F. Greene, teaching,	439 96
Jennie Birnie, teaching,	441 67
M. D. McLeod, teaching,	475 00
Clara A. Putnam, teaching,	557 71
Marion Pearson, teaching,	268 35
Annie M. Downes, teaching,	425 83
Rubina S. Copeland, teaching,	466 25
Jennie S. Abbott, teaching,	441 68
Lilla A. Abbott, teaching,	466 25
Helen W. Battles, teaching,	475 00
Gertrude E. Holt, teaching,	248 40
<i>Amount carried forward,</i>	<hr/> \$12740 71

Appropriation March 1st, \$20000 00

<i>Amount brought forward,</i>	\$12740 71
Gertrude A. Burt, teaching,	367 34
Julia McCarthy, teaching,	304 27
E. M. Harmon, teaching,	158 40
Bertha R. Haselton, teaching,	342 00
M. Agnes Moore, teaching,	114 75
Elizabeth H. Demorest, teaching,	980 68
Grace L. Burt, teaching,	227 34
Addie M. Carney, teaching,	92 45
Julia C. Carlton, teaching,	236 95
Mabel F. Knowles, teaching,	110 70
Eva A. Hardy, teaching,	126 00
Margaret M. Phillips, teaching,	119 70
Evelyn P. Reed, teaching,	114 75
Caroline S. Daniels,	119 70
E. Stott, teaching,	4 05
Florence B. Holt, teaching,	1 80
Abbott Erving, janitor,	578 71
L. W. Bodwell, janitor,	542 00
Andrew Thompson, janitor,	138 00
Orrell Ashton, janitor,	237 00
James Scott, janitor,	79 70
Charles A. Craig, janitor,	67 50
Edward McGovern, janitor,	29 56
Bailey & Flint, janitors,	14 00
Fred Hanson, janitor,	14 00
Albert J. Doyle, janitor,	8 00
Charles A. Hardy, janitor,	36 00
Mattie Bourdelais, janitor,	13 50
Harry D. Flint, janitor,	22 00
Edgar McIntire, janitor,	14 00
Sarah Bourdelais, janitor,	8 00
Betsy Spark, janitor,	18 86

Amount carried forward, \$17982 42

Appropriation March 1st	\$20000 00
<i>Amount brought forward,</i>	\$17982 42
George McIntire,	8 00
Frank McGovern, janitor,	12 00
Frank E. Gleason, wood and coal,	1605 79
Charles L. Bailey, wood,	24 00
Daniel Fitzpatrick, wood,	27 75
A. W. Baker, wood,	7 00
George E. Flint, preparing wood,	4 50
Greene & Woodlin, wood and supplies,	26 95
James S. Flint, wood,	33 00
George F. Baker, wood,	40 00
John B. Abbott, wood,	28 29
William H. Tucker, wood,	15 00
Henry M. Hayward, truant officer,	10 00
G. E. Johnson, sundries,	82 26
Andover Press, printing,	4 00
H. McLawlin, supplies,	16 18
Brainard Cummings, repairs,	13 58
Henry P. Noyes, shades,	42 50
Blois Express, carting,	3 50
Tuttle's Express, carting,	4 80
Total expenditure,	—————\$19991 52
Balance unexpended,	<u><u>\$8 48</u></u>

SCHOOL-HOUSES.

Appropriation, March 1st,	\$2,500 00
J. E. Whiting, clocks,	\$ 6 25
Hardy & Cole, repairs,	343 68
Arthur Bliss, oxalic acid,	45
O. W. Vennard, loam,	80 50
Charles A. Hardy, repairs,	16 35
A. W. Caldwell, painting,	82 61
Charles P. Rea, grading,	314 10
Richard Williamson, labor,	1 50
D. Donovan & Son, painting,	21 35
Tyer Rubber Co., supplies,	1 25
Henry Clukey, repairs	1 25
Andover Electric Co., fixtures,	4 35
W. H. Welch, repairs,	5 87
C. A. Craig, labor,	6 00
Brown's Express, carting,	11 47
H. McLawlin, supplies,	46 36
Bodrick School Furniture Co., desks,	202 92
James Scott, labor,	50
James Miller, jr., labor,	5 00
J. H. Chandler, labor,	3 60
H. F. Chase, supplies,	2 35
Abbott Erving, repairs,	15 38
E. T. Collins, tuning pianos,	4 50
M. T. Walsh, repairing furnaces,	40 19
Henry P. Noyes, shade and roller,	1 25
O. P. Chase, supplies,	14 05
G. B. Smart & Co., repairing furnaces,	71 44
Frank E. Dodge, masonry,	25 13
<i>Amount carried forward,</i>	\$1329 65

Appropriation, March 1st,		\$2500 00
<i>Amount brought forward,</i>	\$1329 65	
Henry Harmon, repairs,	35 77	
John Howell, loam,	77 13	
Brainard Cummings, repairs,	44 21	
W. F. Duffee & Co., concreting,	506 34	
C. H. Newton, repairs,	34 80	
E. J. Rowe, tinting,	332 50	
George Saunders, plumbing,	66 92	
John Connolly, labor,	55 50	
H. A. Ramsdell, glass,	1 00	
F. G. Haynes & Co., supplies,	13 39	
Lawrence Decorating Co.,	2 50	
Total expenditure,	—————	\$2499 71
Balance unexpended,		<u>29</u>

SCHOOL BOOKS AND SUPPLIES.

Appropriation, March 1st,	\$1500 00
George E. Johnson,	\$ 18 29
Ginn & Co.,	227 42
American Express Co.,	9 85
Abbott Erving,	2 00
Greenough, Adams & Cushing,	2 70
Leach, Shewell & Sanborn,	1 67
Houghton, Mifflin & Co.,	41 96
D. C. Heath & Co.,	186 97
Edward E. Babb & Co.,	209 44
George A. Higgins & Co.,	36 54
Tuttle's Express,	30 45
American Book Co.,	152 47
Public School Publishing Co.,	5 54
Alice C. Carter,	5 85
T. A. Holt & Co.,	34
William Ware & Co.,	44 30
Andover Press,	21 00
Joseph Gillott & Co.,	11 50
J. L. Hammett & Co.,	125 48
Prang Educational Co.,	7 40
Sarah C. Hervey,	4 00
T. D. Whitney & Co.,	1 00
H. F. Chandler,	68 96
Cheney and Globe Co.,	3 60
Holden Patent Book Cover Co.,	19 60
Winthrop B. Jones,	13 10
<i>Amount carried forward,</i>	\$1251 43

Appropriation, March 1st,		\$1500 00
<i>Amount brought forward,</i>	\$1251 43	
Lee & Shepard,	71 69	
J. H. Campion & Co.,	1 00	
Thomas B. Newman & Co.,	84	
Eagle Pencil Co.,	23 55	
Charles Scribner's Sons,	1 71	
University Publishing Co.,	3 84	
H. Sandford Leach,	4 80	
Wadsworth, Howland & Co.,	5 11	
Silver, Burdett & Co.,	84 51	
DeWolfe, Fiske & Co.,	16 26	
Maynard, Merrill & Co.,	1 00	
A. Storrs & Bement Co.,	1 31	
O. P. Chase,	11 93	
C. S. Stackpole,	9 00	
Total expenditure,	————	\$1487 98
Balance unexpended,		<u><u>\$12 02</u></u>

Highways and Bridges.

Appropriation March 1st,	\$3400 00
Received for street sprinkling,	900 00
Refunded,	36 00
	<hr/>
	\$4336 00

Boston & Maine R. R., freight,	\$ 63
Hardy & Cole, labor and lumber,	272 44
Charles A. Jameson, labor,	4 00
B. W. Burt, labor,	25 00
H. McLawlin, supplies,	58 80
George W. Chandler, salary,	930 00
John D. Driscoll, labor,	41 00
Dennis Sweeney, labor,	1 10
James J. Abbott, labor,	9 00
Treat Hardware and Supply Co., supplies,	19 05
Erwin C. Pike, supplies,	16 59
Brainard Cummings, stock and labor	1 07
W. F. Higgins, use of team,	35 00
American Road Machine Co., supplies,	25 00
H. F. Chase, saw filing,	80
Greene & Woodlin, supplies,	1 78
Patrick Conway, labor,	159 04
A. Hill, gravel,	2 10
Henry E. Hayward, gravel,	7 69
John Schofield, labor,	174 00
Joseph Magnett, labor,	6 50
Patrick Mullen, labor,	164 49

<i>Amount carried forward,</i>	\$1955 08
--------------------------------	-----------

Appropriation and receipts, March 1st, \$4336 00

Amount brought forward, \$1955 08

John H. Clinton, labor,	26 00
W. F. Rutter & Co., supplies,	4 22
Nathan H. Perkins, labor,	2 55
Anderson & Bowman, iron work,	3 10
W. H. Carter, gravel,	90 20
B. F. Holt, labor,	14 00
Mrs. Alvin S. Moody, gravel,	10 34
T. E. Brown, sawing lumber,	6 55
Thomas Fitzgerald, labor,	13 80
T. P. Harriman, iron work,	14 45
Frank E. Gleason, wood,	10 25
W. F. Duffee & Co., concreting,	109 25
John McCarthy, labor,	40 00
Frank E. Dodge, mortar,	50
Bancroft T. Haynes, gravel,	7 60
F. G. Haynes & Co., supplies,	2 60
Joshua H. Chandler, labor,	2 00
Michael Feeney, labor,	4 95
William H. Tucker, labor,	42 00
D. P. Stiles, labor,	4 50
L. M. Davis, labor,	6 00
William M. Carberry, castings,	19 00
J. L. Hutchinson, labor,	2 00
Massachusetts Broken Stone Co., stone,	8 27
John Haggerty, labor,	263 13
Timothy Madden, labor,	163 92
Timothy C. Sullivan, labor,	190 93
Dennis Riley, labor,	84 21
Henry E. Gould, labor,	69 75
William Hackett, labor,	40 50
George W. Chandler, labor,	270 56
John Ronan, labor,	106 67

Amount carried forward, \$3588 88

Appropriation and receipts, March 1st, \$4336 00

<i>Amount brought forward,</i>	\$3588 88	
George F. Baker, labor,	20 41	
William Baker, labor,	5 25	
John Nuckley, labor,	15 36	
James Hill, labor,	11 86	
Swan Mateson, labor,	115 42	
George Buxton, labor,	21 00	
Stephen E. Abbott, labor,	18 00	
Patrick Hodnadd, labor,	56 19	
Frank McCuskar, labor,	14 39	
George L. Burnham, supt. labor,	133 00	
Dennis P. Driscoll, labor,	52 70	
William P. Hardney, labor,	49 96	
William Leary, labor,	17 72	
Samuel Lewis, labor,	23 33	
John Leary, labor,	17 11	
John Madden, labor,	24 11	
John Gill, labor,	15 75	
Michael Sullivan, labor,	15 00	
Patrick Crowley, labor,	7 58	
Cornelius Collins, labor,	22 36	
J. R. Hutchinson, labor,	22 50	
Michael Stack, labor,	18 00	
Clarence Goldsmith, labor,	9 56	
Jerry Leary, labor,	4 50	
Joseph T. Lovejoy, labor,	13 50	
S. A. Lovejoy, labor,	5 25	
Joseph Bourdelais, labor,	13 50	
Henry Bourdelais, labor,	5 25	
Hugh Malcomb, labor,	5 25	
Total expenditure,	—————	\$4342 69
Overdrawn,		<u><u>\$ 6 69</u></u>

REMOVING SNOW.

Appropriation, March 1st,		\$500 00
John J. Collins,	\$ 1 05	
Daniel Sullivan,	60	
William Ronan,	60	
John Connolly,	1 05	
George A. Leighton,	2 72	
J. C. Hutchinson,	1 07	
James J. Abbott,	3 40	
Timothy C. Sullivan,	4 80	
Thomas Leary,	1 65	
John Schofield,	8 62	
Robert W. Holt,	4 25	
John Colbath,	1 80	
James Dole,	4 50	
Howard Baker,	1 50	
William H. Tucker,	22 80	
John Hurly,	3 75	
John Mahoney,	4 81	
Michael Stack,	7 50	
T. J. O'Brien,	3 00	
S. H. Boutwell,	7 20	
Albert M. Bancroft,	1 50	
John Sweeney,	3 90	
C. C. Blunt,	36 66	
J. J. Haggerty,	10 05	
J. F. Nuckley,	12 60	
Patrick Conway,	4 50	
E. W. Burt,	16 05	
John Haggerty,	49 76	
Charles Stickney,	5 40	
Joseph Oldroid,	60	
William Greenwood,	1 50	
William O'Donald,	1 05	
<i>Amount carried forward,</i>	<hr/>	\$230 24

Appropriation, March 1st,		\$500 00
<i>Amount brought forward,</i>	\$230 24	
John Cross,	1 50	
Richard York,	1 35	
Freeman Abbott,	11 55	
Patrick Murphy,	3 15	
Daniel Murphy,	3 00	
Daniel Fitzpatrick,	18 41	
George W. Chandler,	99 08	
J. H. Nuckley,	14 25	
Charles A. Jameson,	7 00	
Joseph T. Lovejoy,	3 67	
Nathan H. Perkins,	34 59	
W. H. Carter,	31 90	
Joseph Bourdelais,	38 27	
J. H. Chandler,	13 81	
George P. Pillsbury,	10 50	
Robert A. Watson,	1 50	
Timothy Madden,	5 44	
Patrick McMullen,	13 50	
Frank McCuskar,	6 00	
John Marony,	2 55	
W. O. Carter,	1 50	
John Ronan,	2 55	
Total expenditure,	<hr/>	\$555 31
Overdrawn,		<hr/> <hr/> \$55 31

SIDEWALKS.

Appropriation, March 1st,	\$1500 00
Re-imbursed by abutters,	576 50
	<hr/>
	\$2076 50
George L. Burnham, Supt., team,	\$62 80
Patrick Hodnadd, labor,	15 36
Dennis Driscoll, labor,	26 05
Dennis Riley, labor,	20 22
Samuel Lewis, labor,	15 33
Timothy Madden, labor,	18 28
George W. Chandler, team,	46 00
John Ronan, labor,	14 29
John Driscoll, labor,	10 00
Albert Bancroft, labor,	10 00
T. Sheehan, labor,	8 00
John Leary, labor,	6 03
William Leary, labor,	18 28
Timothy C. Sullivan, labor,	8 75
Patrick Connolly, labor,	7 00
Michael Leary, labor,	9 00
Michael Stack, team,	53 00
Patrick McMullen, labor,	14 39
John Madden, labor,	9 14
Frank McCuskar, labor,	16 53
Clarence Goldsmith, labor,	16 88
Flint Symonds, labor,	21 78
Thomas Lynch, labor,	6 03
John Haggerty, labor,	11 21
Swan Mateson, labor,	9 53
Cornelius Collins, labor,	12 25
George Buxton, labor,	12 25
William Hardney, labor,	1 75
W. J. Jones, stone,	70 20
W. F. Duffee & Co., concreting,	1558 89
	<hr/>
<i>Amount carried forward,</i>	\$2109 22

Appropriation and re-imbursement, March 1st,	\$2076 50
<i>Amount brought forward,</i>	\$2109 22
John McCarthy, labor,	11 25
John Schofield, labor,	2 53
Patrick Conway, labor,	2 53
James J. Abbott, labor,	6 50
John O. Collins, labor,	7 34
Ammon Richardson, labor,	6 50
John Gill, labor,	2 53
Total expenditure,	<hr/> \$2148 40
Overdrawn,	<hr/> <hr/> \$71 90

RIDGE STREET.

Appropriation, March 1st,		\$600 00
Locke & Jones,	\$ 36 00	
John McCarthy,	137 50	
W. J. Jones,	27 00	
Hardy & Cole,	2 43	
H. P. Noyes,	2 02	
D. Donovan & Son,	5 76	
H. McLawlin,	55	
Samuel Lewis, labor,	10 50	
William Leary, labor,	12 01	
John Ronan, labor,	6 51	
George W. Chandler, team,	12 17	
John Scofield,	29 74	
John Leary,	24 59	
Dennis Riley,	7 48	
Timothy Sullivan,	3 01	
John Haggerty, and horse,	48 82	
Patrick Conway,	24 49	
John Madden,	3 01	
Timothy Madden,	12 83	
Patrick McMullen,	4 76	
Swan Mateson,	15 28	
Dennis Driscoll,	8 26	
Frank McCusker,	1 26	
Cornelius Collins,	3 01	
M. Stack, and team,	9 00	
Town Farm team, and man,	11 50	
Patrick Connolly,	5 25	
Patrick Hadnet,	18 08	
Thomas Lynch,	23 23	
F. E. Dodge,	7 05	
Total expenditure,	<hr/>	\$513 10
Balance unexpended,		<hr/> <hr/> \$ 86 90

MACADAM ROADS.

Appropriation, March 1st,		\$4000 00
George A. Rea, wood,	\$ 13 50	
John H. Clinton, wood,	14 00	
George W. Chandler, coal,	19 55	
Smith & Dove Manufacturing Co., waste,	40	
Treat Hardware and Supply Co., supplies,	29 65	
Blois Express,	3 50	
Henry McLawlin, supplies,	14 27	
W. H. Duffee & Co., concreting,	415 50	
Anderson & Bowman, iron work,	2 10	
James J. Abbott, stone and labor,	192 00	
Frank E. Gleason, coal and wood,	28 25	
Good Roads Machinery Co., supplies,	8 75	
T. P. Harriman, iron work,	31 80	
George W. Chandler, salary,	125 00	
John Schofield, labor,	142 42	
Patrick McMullen, labor,	160 98	
Timothy C. Sullivan, labor,	78 06	
Swan Mateson, labor,	135 24	
Patrick Hodnadd, labor,	88 47	
Dennis P. Driscoll, labor,	85 44	
Dennis Riley, labor,	48 61	
George W. Chandler, salary,	217 14	
John S. Ronan, labor.	47 10	
George L. Burnham, Supt., labor,	258 00	
Clarence Goldsmith, labor,	155 99	
William Hardney, labor,	86 03	
Timothy Madden, labor,	110 25	
John Madden, labor,	93 42	
John Leary, labor,	125 89	
Samuel Lewis, labor,	70 97	
William Leary, labor,	129 77	
Jerry Leary, labor,	137 00	
<i>Amount carried forward,</i>	<hr/>	\$3069 05

Appropriation, March 1st,		4000 00
<i>Amount brought forward,</i>	\$3069 05	
Frank McCuskar, labor,	66 80	
John D. Driscoll, labor,	33 60	
Patrick Connolly, labor,	15 75	
George Buxton, labor,	40 84	
John Haggerty, labor,	159 85	
Patrick Conway, labor,	89 76	
Cornelius Collins, labor,	83 91	
Michael Stack, labor,	136 50	
Flint Symonds, labor,	36 55	
Thomas Lynch, labor,	35 97	
Ammon Richardson, labor,	86 50	
John O'Collins, labor,	97 99	
Charles McLaughlin, labor,	7 00	
John Gill, labor,	8 85	
Patrick Hannon, labor	3 00	
Total expenditure,	—————	\$3971 92
Balance unexpended,		<u><u>\$28 08</u></u>

REPORT OF THE HIGHWAY SURVEYOR.

To the Honorable Board of Selectmen of Andover:

I have the honor to submit the following report:

In the Spring we commenced to use the road-scraper as soon as the condition of the ground would permit. We worked for thirty (30) days, mostly in the West part of the town, with the usual good results. In connection with the scraping we cut bushes and removed large boulders, etc.

We then got out gravel and repaired streets and sidewalks where most needed, built a new bridge at Frye Village and rebuilt several culverts. Curbstones were put in at the junction of Elm and High Street sidewalks; a concrete walk was laid on the east side of High Street from Elm to Walnut

Avenue. A curbstone was put in at the corner of Bartlet Street and concrete walk laid on south side of Chestnut Street from Bartlet to Main. A concrete walk was also built on Bartlet Street from Punchard Avenue to the land of Jonas Spaulding. Curbstones were put in at the corner of Morton Street and corner of Wheeler, and one at the corner of Chapel Avenue and Bartlet Street, with concrete walk on Bartlet Street from Morton to Chapel Avenue. Put in curbstone at corner of Chapel Avenue and Salem Street, with concrete walk from Chapel Avenue to Highland Road. A concrete walk was laid on the west side of Main Street from Locke Street to brick walk. Built a new walk on Phillips Street.

Built Macadam road from Morton Street to Town House on west side of Main Street 2100 feet long and 14 feet wide with concrete gutter as far as Chestnut Street and put in a 10 inch pipe from there to Roger's Brook. Macadamized Park Street from Main to Bartlet, making 480 feet in length and 36 in width. From the North Andover line west, 1830 feet of Macadam 18 feet wide was built, and the Main Street 450 feet north from Tyer's Rubber Shop was macadamized, and also 275 feet built on Main Street south from Stimpson's Bridge.

A concrete gutter was laid from reservoir on south side of Pearson Street to B. & M. R. R. with 12 inch pipe to cross road at the lower end of Pearson Street.

A gravel walk has been laid from Stimpson's Bridge to Curran & Joyce's house and from Poor's shop to Frye Village on west side of Main Street.

Two catch-basins have been built on Main Street and one on Park Street, with grate.

Work, such as cutting bushes, raking stones, and clearing gutters has been done throughout the year whenever needed.

Respectfully,

GEORGE W. CHANDLER,

Highway Surveyor.

HORSES AND DRIVERS.

Appropriation, March 1st,		\$3000 00
Andover Electric Light Company, light,	\$ 15 00	
J. H. Campion & Co., grain,	51 90	
Arthur F. O'Connell, wood work,	22 35	
Henry McLawlin, supplies,	30 92	
George A. Mayer, harness,	71 20	
F. M. Smith, care of horses,	720 00	
James O. Carter, care of horses,	600 00	
F. E. Morse, care of horses,	364 00	
H. F. Chase, filing saws,	20	
Frank E. Gleason, grain and straw,	31 69	
Hardy & Cole, lumber,	5 14	
A. W. Caldwell, paint,	5 50	
Anderson and Bowman, iron-work,	54 96	
Smith and Manning, grain,	153 45	
Timothy Haggerty, hay,	23 70	
W. A. Allen, medicine,	60	
W. J. Driscoll, whips,	3 75	
T. P. Harriman, iron work,	50 30	
A. Beauregard, wood work,	20 25	
Michael Stack, use of horse,	9 75	
T. A. Holt and Co., grain,	157 46	
John Connelly, hay,	29 30	
Arthur Bliss, medicine,	3 35	
Mrs. John Hovey, steel bar,	75	
George L. Burnham, Supt., hay,	186 94	
Total expenditure,	————	\$2612 46
Balance unexpended,		<u><u>\$387 54</u></u>

TOWN OFFICERS.

Appropriation, March 1st,	\$5000 00
---------------------------	-----------

Water Commissioners :

John H. Flint, two years,	\$80 00
F. G. Haynes, two years,	60 00
J. P. Butterfield, two years,	60 00

Clerk, Treasurer, Selectmen, Assessors,
Overseers of Poor :

A. Marland, Tax Commission 1892, '93,	2 79
“ Balance 1896,	21 22
“ 1897,	1000 00
George A. Parker,	300 00
Arthur Bliss,	400 00
Samuel H. Boutwell,	300 00
John S. Stark,	300 00

Registrars of Voters :

Henry McLawlin,	22 25
Joseph F. Cole,	22 25
John Davey,	23 75
A. Marland,	22 75
George H. Poor, Moderator 1896, '97,	20 00

Auditors of Accounts :

G. A. Higgins, 1896, '97,	10 00
Louis A. Dane,	5 00

Police :

Geo. W. Mears,	600 00
W. H. Carter,	25 75
M. T. Welch,	63 50
Wm. Wakeley,	28 00
Wm. Gillespie,	27 00
J. W. Moor,	43 25

<i>Amount carried forward,</i>	<u>\$3437 51</u>
--------------------------------	------------------

Appropriation, March 1st,	\$5000 00
<i>Amount brought forward,</i>	\$3437 51

Police—continued.

W. L. Frye,	41 25
C. E. Knowlton,	58 75
N. Jaquith, Jr.,	58 75
John H. Clinton,	18 25
William H. Sleath,	18 75
E. H. Shattuck,	54 50
W. H. Goff,	4 00
L. D. Pomeroy,	18 25

Firewards:

W. S. Donald and 6 others,	13 25
George A. Holt and 25 others,	21 75
H. S. Neal and 26 others,	67 25
John B. Jenkins and 38 others,	74 70
T. P. Bailey,	22 00
J. H. Chandler and 6 others,	8 00

Election Officers:

J. Newton Cole, 1896,	3 00
W. H. Goodwin, “	3 00
H. H. Hill, “	3 00
J. F. Morse, “	5 00
W. P. Regan, “	5 00
G. A. Higgins and 13 others,	68 00
Owen F. Caffrey and 7 others,	32 00
Total expenditure,	————— \$4035 96
Unexpended,	<u>\$964 04</u>

TOWN HOUSE.

Appropriation, March 1st,		\$1000 00
Robert Bell, labor,	\$300 00	
J. P. Connolly, labor,	4 50	
Andover Electric Co., light,	102 29	
H. P. Noyes, supplies,	4 00	
E. C. Pike, supplies,	4 50	
David N. Walker, labor,	3 00	
Masten & Wells, repairs on flag,	10 00	
Burns and Crowley, repairs on flag,	25 44	
F. E. Gleason, coal,	241 46	
J. Napier, labor,	50	
Henry Harmon, roof,	41 32	
A. W. Baker, wood,	9 00	
B. Cummings, repairs and labor,	12 48	
A. W. Caldwell, painting and glazing,	7 32	
Samuel Thoms, repairs,	1 00	
H. McLawlin, supplies,	35	
Total expenditure,	—————	\$767 16
Balance unexpended,		<u>\$232 84</u>

FIRE DEPARTMENT.

Appropriation, March 1st,		\$3200 00
H. P. Noyes, supplies,	\$18 40	
Electric light,	101 83	
Hardy & Cole, repairs,	102 40	
E. McCabe, repairs,	9 03	
F. Murphy, supplies,	1 20	
P. Conway, labor,	17 50	
John Haggerty, and horse,	122 62	
John H. Clinton, labor,	54 25	
John S. Dearborn, labor,	51 50	
<i>Amount carried forward,</i>	<u>\$478 73</u>	

Appropriation, March 1st,	\$3200 00
<i>Amount brought forward,</i>	\$478 73
E. W. Sauborn, glass,	3 15
Kate O'Donnell, storage,	2 00
Dustin Machine Co., labor and supplies,	91 15
C. H. Shattuck, supplies,	95
F. G. Haynes & Co., supplies,	3 63
Lawrence Electric Supply Co., supplies,	23 71
Treat Hardware Co., supplies,	75
Am. Fire Engine Co., grates and express,	9 75
E. C. Pike, repairs and supplies,	68 17
H. McLawlin, supplies,	4 38
C. N. Richardson, balance on Truck,	200 00
C. N. Perkins, supplies,	189 00
Tuttle's express,	4 05
G. A. Mayer, supplies,	1 50
Tyer Rubber Co., supplies,	7 19
T. A. Holt & Co., supplies,	95
F. E. Morse, services,	3 00
H. H. Estabrook, fire laws,	1 00
Boston Woven Hose Co., supplies,	403 48
G. W. Chandler, supplies,	41 00
Am. Steam Gage Co., supplies,	1 50
H. A. Glazier, hangers,	14 00
Greene & Woodlin, supplies,	7 13
Allan Simpson, services,	6 50
W. H. Higgins, teams,	10 00
S. Eastman & Co., supplies,	185 00
Anderson & Bowman, supplies,	2 10
George A. Holt, labor,	20 00
S. J. Bucklen, services,	1 75
G. A. Morse, pay roll,	360 42
B. & M. R. R., freight,	87
M. E. Mears, services,	35 00
<i>Amount carried forward,</i>	<hr/> \$2181 81

Appropriation, March 1st,		\$3200 00
<i>Amount brought forward,</i>	\$2181 81	
Andover Press, printing,	11 50	
George D. Lawson, engineer,	50 00	
L. T. Hardy, chief,	100 00	
W. H. McTernan, janitor,	168 00	
H. S. Neal, pay roll,	250 00	
Smith & Manning, supplies,	8 25	
Combination Ladder Co., supplies,	20 00	
Chas. Fergusson, inspector,	2 00	
John S. Harnden, engineman and labor,	111 94	
B. F. Nason, labor,	1 00	
W. H. Coleman, services,	25 00	
F. E. Gleason, coal,	118 72	
T. P. Harriman, supplies, etc.,	15 50	
Herbert M. Wright, labor,	8 25	
William P. Rea, labor,	6 00	
American Express Co.,	85	
W. F. Walsh, supplies,	1 78	
D. Donovan & Son, painting,	59 40	
A. McTernan, engineer,	60 00	
Total expenditure,	—————	<u><u>\$3200 00</u></u>

FIRE ALARM.

Appropriation, March 1st,		\$2500 00
Sale of boxes,		<u>200 00</u>
		\$2700 00
Crosby Steam Gauge and Valve Co.,	\$ 45 90	
Hardy & Cole, posts and labor supplies,	180 92	
A. D. Lamont, services,	2 00	
Boston & Maine R. R., freight,	4 79	
Gamewell & Co.,	2406 69	
Tyer Rubber Co.,	21 31	
City of Lawrence,	16 25	
Total expenditure,	—————	<u>2677 86</u>
Balance unexpended,		<u><u>\$22 14</u></u>

PRINTING AND STATIONERY.

Appropriation, March 1st,		\$700 00
George A. Higgins & Co.,	\$14 15	
Andover Press,	595 17	
William A. Carrie & Co.,	23 50	
George A. Parker, stamped envelopes,	61 30	
William G. Goldsmith,	1 25	
A. W. Brown, blank licenses,	2 50	
Thomas Groom & Co.,	2 13	
Total expenditure,	<hr/>	<hr/> <u>700 00</u>

MEMORIAL DAY.

Appropriation, March 1st,	\$200 00
B. Cummings, Quartermaster, Post 99, G.A.R.,	<u>200 00</u>

250TH ANNIVERSARY.

Park Club for scenery,	\$ 6 00	
Andover Press, books,	800 00	
Unexpended,	126 62	
Unexpended, 1896,	<hr/>	<hr/> <u>\$932 62</u>

WATERING CARTS.

Appropriation,	\$800 00
Muller, Knoblock & Co., cart,	\$315 00
J. L. and H. K. Potter, cart,	315 00
Total expenditure,	<hr/> 630 00
Unexpended,	<hr/> <u>\$170 00</u>

SINKING FUND.

Appropriation, March 1st,	\$825 00
Geo. A. Parker, deposited in Savings Banks,	<u>825 00</u>

MAINTENANCE WATERWORKS.

Appropriation, March 1st,	\$4400 00
George A. Parker, Treasurer,	<u>4400 00</u>

SPRING GROVE CEMETERY.

Appropriation, March 1st,		\$200 00
Sale of lots, etc.,		267 00
		<hr/> \$467 00
W. H. Higgins,	5 50	
T. Haggerty,	32 38	
John Allicon,	98 50	
Phillip Allicon,	38 50	
W. H. Harrison,	7 50	
T. Connors,	70 91	
H. McLawlin,	8 13	
Merrick & Adams, trees,	22 50	
George W. Foster, deeds and recording,	53 00	
O. W. Vennard,	75 50	
H. A. Hayward,	7 50	
Smith & Manning,	5 80	
Total expenditure,	<hr/>	\$425 72
Balance unexpended,		<hr/> \$41 28 <hr/>

CARE OF DUMP.

Appropriation, March 1st,		\$25 00
Henry Cunningham,	\$ 4 00	
Henry Provo,	3 50	
Henry Provo,	3 00	
Total expenditure,	<hr/>	\$10 50
Unexpended,		<hr/> \$14 50 <hr/>

REDEMPTION OF BONDS.

Appropriation, March 1st,	\$5000 00
George A. Parker, Treasurer,	5000 00
	<hr/>

PARK COMMISSION.

Appropriation, March 1st,		\$200 00
F. H. Foster, two others,	\$ 8 50	
Henry Prevo,	21 00	
J. T. Lovejoy,	125 27	
Hardy & Cole,	42 42	
Total expenditure,	<hr/>	197 19
Balance unexpended,		<hr/> <hr/> \$2 81

HAY SCALES.

Appropriation, March 1st,		\$50 00
J. M. Bean, services,	25 00	
Total expenditure,	<hr/>	25 00
Balance unexpended,		<hr/> <hr/> \$25 00

DRINKING FOUNTAIN.

Appropriation, March 1st,		\$125 00
Henry W. Clapp, estate, tank,	\$95 00	
Boston & Maine R. R., freight,	2 24	
Andover Waterworks,	15 83	
Total expenditure,	<hr/>	\$113 07
Unexpended.		<hr/> <hr/> \$11 93

STATE HIGHWAY.

Received from State Treasurer,		\$4479 06
Paid A. J. Wellington,		<hr/> <hr/> \$4479 06

STREET LIGHTING.

Appropriation, March 1st,		\$4100 00
W. H. Coleman, Treasurer,		3919 81
Balance unexpended,		<hr/> <hr/> \$180 19

ABATEMENT OF TAXES.

Appropriation, March 1st,		\$300 00
S. F. E. Company, No. 1, poll-taxes,	\$32 00	
S. F. E. Company, No. 2, poll-taxes,	20 00	
Geo. A. Parker, Treasurer,	847 61	
Total expenditure,	<hr/>	899 61
Overdrawn,		<u>\$599 61</u>

STATE TAX.

Appropriation, March 1st,	\$5000 00
E. P. Shaw, Treasurer,	<u>4296 67</u>
Balance unexpended,	<u>\$703 33</u>

COUNTY TAX.

Appropriation, March 1st,	\$5000 00
E. K. Jenkins, Treasurer,	<u>4686 40</u>
Balance unexpended,	<u>\$313 60</u>

DOG TAX.

J. A. Smart, Treas. Memorial Hall, 1896,	\$571 16
J. A. Smart, Treas. Memorial Hall, 1897,	<u>586 09</u>
	\$1157 25
E. K. Jenkins, County Treasurer,	<u>1157 25</u>

INTEREST.

Appropriation, March 1st,	\$9500 00
Andover National Bank,	\$1168 41
Memorial Hall Notes,	1400 00
Andover Water Bonds,	6400 00
S. A. Mason,	60 00
N. Jaquith,	360 00
Total paid,	<hr/> 9388 41
Unexpended	<u>\$111 59</u>

NOTES PAID.

1897, May	3,	No. 56,	\$9000 00
Oct.	1,	No. 57,	5000 00
Nov.	5,	No. 59,	5000 00
Nov.	5,	No. 61,	12000 00
Nov.	5,	No. 64,	3000 00
Dec.	6,	No. 58,	6000 00
Dec.	6,	No. 60,	9000 00
Dec.	6,	No. 62,	4000 00
Dec.	6,	No. 63,	7000 00
Dec.	6,	No. 65,	3000 00
1898, Jan.	11,	No. 66,	17000 00
Jan.	11,	No. 67,	9000 00
Total,			<u>\$89000 00</u>

NOTES DISCOUNTED.

1897, Feb.	1,	Note No. 57,	\$5000 00
March	8,	Note No. 58,	6000 00
April	5,	Note No. 59,	5000 00
April	20,	Note No. 60,	9000 00
May	3,	Note No. 61,	12000 00
June	7,	Note No. 62,	4000 00
July	6,	Note No. 63,	7000 00
Aug.	2,	Note No. 64,	3000 00
Sept.	7,	Note No. 65,	3000 00
Nov.	9,	Note No. 66,	17000 00
Nov.	20,	Note No. 67,	9000 00
1898, Jan.	12,	Note No. 68,	10000 00
Amount discounted,			<u>\$90000 00</u>

INSURANCE ACCOUNT.

Appropriation, March 2nd,	\$500 00
Joseph A. Smart, Agent,	596 03
Overdrawn,	<u>\$96 03</u>

STATE AID.

Appropriation, March 1st,	\$1600 00
Charles H. Bell,	\$24 00
Christina Bell,	16 00
Robert Bell,	48 00
Lucy M. Buxton,	48 00
Benjamin Cheever,	72 00
Betsey J. Cheever,	48 00
Samuel Cheever,	50 00
George Craig,	72 00
Ellen Craig,	48 00
Lemuel P. Cram,	24 00
Deborah M. Cushing,	48 00
Amelia Cutler,	8 00
Elmore Dane,	37 50
Augustus M. Davis,	48 00
Rhoda Davis,	48 00
John S. Dearborn,	72 00
Theodore A. Gibbs,	72 00
Phoebe Greene,	48 00
Eliza A. Higgins,	32 00
William S. Hodgman,	72 00
John C. Hovey,	32 00
Martha M. Hovey,	16 00
Ann Hunter,	48 00
Sarah M. Hardy,	32 00
Lizzie A. Johnson,	48 00
John McKenzie,	72 00
Bridget McCullough,	48 00
James McDonald,	48 00
John McCarthy,	36 00
Charles Mears,	48 00
John P. Morgan,	72 00
William B. Morse,	60 00
<i>Amount carried forward,</i>	<u>\$1495 50</u>

Appropriation, March 1st,		\$1600 00
<i>Amount brought forward.</i>	\$1495 50	
George W. Parker,	48 00	
Bridget Pasho,	12 00	
Joseph Russell,	48 00	
Martha Russell,	48 00	
Richard W. Simonds,	72 00	
Henry Shaw,	37 50	
Laura F. Smith,	48 00	
Nancy M. Travis,	48 00	
Total expenditure,	————	1857 00
Overdrawn,		<u><u>\$257 00</u></u>

The State Aid is paid to disabled soldiers— (and their wives)— and soldiers' widows who draw pensions from the U. S. Government. It is paid only upon the approval of the Commissioners of State Aid. The whole amount is repaid to the Town by the State.

MILITARY AID.

Appropriation, March 1st,		\$300 00
Joseph G. Nolan,	\$96 00	
Charles D. Woodbridge,	96 00	
Total expenditure,	————	192 00
Balance unexpended,		<u><u>\$108 00</u></u>

The Military Aid is paid to disabled soldiers who do not draw pensions. It is paid only upon the approval of the Commissioners of State Aid. One half of the amount is repaid to the Town by the State.

MISCELLANEOUS.

Appropriation, March 1st,	\$1500 00
J. F. Richards, M.D., returning births,	7 25
C. L. Bailey, teams,	4 00
J. A. Leitch, returning births, 1896,	8 00
J. A. Leitch, returning births, 1897,	8 25
Ira B. Hill, teams,	100 00
Andover Water Works, labor on drain,	35 33
C. E. Abbott, Agent Board Health and services,	150 00
C. E. Abbott, returning births,	7 25
Arthur Bliss, supplies Board of Health,	7 10
Priest, Page & Co., even balance scales,	4 72
W. H. Higgins, teams,	138 00
J. W. Pierce, witness fees,	5 00
B. Rogers, teller,	3 00
S. J. Bucklin, services,	2 94
J. H. Clinton, services register hall, B. V.,	9 75
F. H. Messer, returning deaths,	17 50
M. J. Mahoney, returning deaths,	3 00
John Maroney, witness,	4 00
Arthur S. Dodge, meals for witnesses,	9 00
J. T. Lovejoy, witness,	8 00
H. McLawlin, supplies "old school house,"	3 85
O. Chapman, meals,	4 00
George A. Parker, expense to Lowell,	1 25
C. H. Shattuck, returning births, and tele- phone,	1 15
J. Napier, express, teaming,	5 00
J. S. Dearborn, repairs "old school house,"	32 24
Otis Carter, distributing votes,	2 00
A. Marland, stamps, telephone, express, etc.,	12 55
DeCourcy and Coulson, attorneys,	757 21
A. W. Caldwell, sign boards, etc.,	24 17
<i>Amount carried forward,</i>	<u>\$1375 51</u>

Appropriation, March 1st,		\$1500 00
<i>Amount brought forward,</i>	\$1375 51	
Brown & Shattuck, telephone,	3 48	
C. H. Newton, cattle inspector,	250 00	
F. S. Blanchard & Co., book,	1 50	
G. W. Mears, car fare and feeding prisoners,	10 75	
Hardy & Cole, services,	5 73	
F. H. Ladd, services,	10 00	
Sanborn & Robinson, drain pipe,	21 12	
Tuttle's express, teaming,	3 50	
J. E. Kneeland, teaming and stabling,	4 00	
J. E. Goodwin, damages and doctor's bill,	114 00	
Thos. Murphy, telephone,	4 94	
John Pray, teaming,	6 00	
Thos. Miller, labor for Board of Health,	4 00	
George E. Hussey, stamp,	45	
J. H. Chandler, labor on reservoir, W. A.,	3 85	
Frank Burk, damages,	52 00	
George H. Poor, services,	10 00	
C. W. Scott, returning births,	7 75	
Sweeney & Dow, services,	191 80	
Total expenditure,	————	\$2080 38
Overdrawn,		<u>\$580 38</u>

EARNINGS OF TOWN HORSES.

Work on highways, sidewalks, and snow,	\$2193 50
Fire department,	96 00
Water streets,	575 00
	<u>\$2864 50</u>

EARNINGS OF MEN.

F. M. Smith,	\$720 00
J. O. Carter,	600 00
F. E. Morse,	364 00
	<u>\$1684 00</u>

SUMMARY OF APPROPRIATIONS AND RECEIPTS.

Abatement of Taxes,	300 00
Park Commission,	200 00
County Tax,	5000 00
Dog Tax,	1157 25
Drinking Fountain (see Art. 14)	125 00
Fire Department, Running Expenses,	3200 00
Hay Scales,	50 00
Highways and Bridges, Repairs on	4336 00
Horses and Drivers,	3000 00
Insurance,	500 00
Interest on Notes, Funds, and Bonds,	9500 00
Macadamized Roads,	4000 00
Memorial Day,	200 00
Military Aid,	300 00
Miscellaneous,	1500 00
Printing and Stationery,	700 00
Public Dump, (see Art. 20)	25 00
Removing Snow,	500 00
Schools,	20000 00
School-Books and Supplies,	1500 00
School-Houses,	2500 00
Sidewalks,	2076 50
Sinking Fund,	825 00
Spring Grove Cemetery,	467 00
State Aid,	1600 00
State Highway,	4479 06
State Tax,	5000 00
Street Lighting,	4100 00
Town House,	1000 00
Town Officers,	5000 00
Waterworks, Maintenance,	4400 00
250th Anniversary,	932 62
Fire Alarm,	2700 00
Watering Carts,	800 00
Redemption of Bonds,	5000 00
Ridge Street,	600 90

SUMMARY OF SELECTMEN'S ORDERS.

Abatement of Taxes,	\$889 61
Park Commission,	197 19
County Tax,	4686 40
Dog Tax,	1157 25
Drinking Fountain,	113 07
Fire Department,	3200 00
Hay Scales,	25 00
Highways and Bridges,	4342 69
Horses and Drivers,	2612 46
Insurance,	596 03
Interest,	9388 41
Macadamized Roads,	3971 92
Memorial Day,	200 00
Military Aid,	192 00
Miscellaneous,	2080 38
Public Dump,	10 50
Printing and Stationery,	700 00
Redemption of Bonds,	5000 00
Removing Snow,	555 31
Schools,	19991 52
School-books and School supplies,	1487 98
School-houses,	2499 71
Sidewalks,	2148 40
Sinking Fund,	825 00
Spring Grove Cemetery,	425 72
State Aid,	1857 00
State Highway,	4479 06
State Tax,	4296 67
Street Lighting,	3919 81
Town House,	767 16
Town Officers,	4035 96
Waterworks, Maintenance,	4400 00
250th Anniversary,	806 00
Fire Alarm,	2677 86
Watering Carts,	630 00
Ridge Street,	513 10

Schedule of Town Property.

Town House, fixtures, and furniture,	\$22000 00
Land,	4000 00
School-house property,	114500 00
Punchard School Fund,	75200 00
Memorial Hall and Land,	28500 00
Memorial Hall permanent Fund,	20000 00
Memorial Hall Library, John Byers Fund,	5000 00
Memorial Hall Library and Furniture,	9000 00
Town Farm and buildings,	12000 00
Personal property at Town Farm,	3585 00
Two Engine-houses and Shed,	12000 00
Two Steam Fire-engines and apparatus,	10000 00
One Hand-engine and apparatus,	200 00
One Hook and Ladder Truck,	400 00
Six Horses,	1000 00
Stone Breakers and Engine,	3200 00
Carts, Harnesses, and Tools,	500 00
Waterworks Property,	200000 00
Indian Ridge Land,	4000 00
Spring Grove Cemetery and Receiving Tomb,	7000 00
Hay Scales,	350 00
Safe in Town House,	450 00
Weights and measures,	325 00
Total,	<u>\$533,210 00</u>

Overseers of Poor.

The almshouse is in charge of Mr. and Mrs. George L. Burnham, whose management is entirely satisfactory to the overseers.

ALMSHOUSE EXPENSES.

Appropriation, March 1st,	\$4000 00
Smith and Manning, groceries,	\$523 39
George L. Burnham, superintendent,	700 00
George L. Burnham, car fares ac. removing paupers,	2 35
New Home Sewing Machine Co., repairs on sewing machine,	3 15
Nora Bowler, housework,	204 00
G. Louis Burnham, labor,	260 00
Jennie Wiggin, housework,	28 00
J. L. Fuller, manure,	71 12
Boston & Maine R. R., freight,	36 76
Frank Boudin, cutting wood,	28 95
L. F. Murch, manure,	24 75
A. F. O'Connell, wheelwright work,	5 00
D. A. Carlton, cows,	90 00
Beach Soap Co., soap,	19 60
T. J. Farmer, fish,	72 21
F. E. Gleason, manure,	40 50
F. E. Gleason, coal,	229 14
E. W. Pierce, grain,	214 10
<i>Amount carried forward,</i>	<i>\$2553 02</i>

Appropriation, March 2nd,	\$4000 00
<i>Amount brought forward,</i>	\$2553 02
H. F. Chase, supplies,	2 00
G. H. Parker, medicine,	22 65
James Conlon, labor,	130 00
A. Ward, supplies,	3 50
Mrs. M. J. Kempton, labor,	56 00
A. W. Caldwell, painting,	23 00
J. P. Wakefield, provisions,	143 15
J. E. Sears, shoes,	28 91
George A. Mayer, harness work,	12 40
Henry McLawlin, hardware,	45 22
T. A. Holt & Co., groceries,	390 73
Anderson & Bowman, blacksmith work,	36 00
Valpey Brothers, provisions,	245 96
J. H. Champion & Co., groceries,	41 89
M. H. Gould, wood,	8 00
H. D. Evans, trees,	5 75
George L. Averill, fertilizer,	46 50
T. E. Brown, lumber,	5 80
F. A. Warren, clothing,	41 95
H. P. Noyes, furniture,	65 94
Andover Press, advertising,	50
F. Putnam & Co., produce,	14 10
Melvin P. Burnham, labor,	50 00
Charles Jameson, killing hogs,	7 50
Barnett Rogers, rent of pasture,	15 00
Est. of D. I. C. Hidden, horse,	17 00
Frank Saunders, labor,	3 75
J. H. Russell, tomato plants,	5 00
Lawrence Provision Co., provisions,	12 65
J. W. Barnard & Son, shoes,	10 02
J. W. Poor, wheelwright work,	18 40
M. E. Austin, hardware,	13 43
E. C. Pike, supplies,	14 43
<i>Amount carried forward,</i>	\$4090 15

Appropriation, March 2nd,		\$4000 00
<i>Amount brought forward,</i>	\$4090 15	
T. P. Harriman, blacksmith work,	24 95	
A. Beauregard, wheelwright work,	16 70	
O. P. Chase, papers,	7 62	
S. H. Boutwell, cabbage plants,	5 00	
Louis Pierce, labor,	53 50	
George S. Fuller, veterinary services,	8 50	
Reid & Hughes, dry goods,	104 34	
Lawrence Rubber Co., rubber goods,	1 58	
C. A. Hardy & Son, brooms,	5 00	
B. F. Holt, ice,	25 00	
Benjamin Brown, shoes,	9 40	
McDonald & Hannaford, harness work,	3 90	
Arthur Bliss, medicine,	42 55	
John E. Hutcheson, fish,	27 79	
Mrs. Murphy, bread,	15 44	
D. Donovan, cow,	50 00	
Total expenditure,	—————	\$4491 42
Overdrawn,		<u>\$491 42</u>

REPAIRS ON ALMSHOUSE.

Appropriation, March 1st,		\$500 00
M. McLawlin, hardware,	34 04	
E. C. Pike, labor and stock,	78 25	
Brainard Cummings, labor and stock,	40 92	
M. V. Gleason, labor and stock,	11 25	
W. H. Welch, labor and stock,	57 95	
Richardson & Pitman, labor and stock,	9 00	
A. W. Caldwell, painting,	20 99	
Hardy & Cole, labor and stock,	44 70	
F. E. Dodge, labor and stock,	9 10	
Total expenditure,	—————	\$306 20
Balance unexpended,		<u>\$193 80</u>

RELIEF OUT OF ALMSHOUSE.

Appropriation, March 1,		\$5000 00
Warren Bailey,	\$117 00	
Joseph Hird,	44 83	
Hannah Hayes	107 25	
Child of Annie Qualey,	103 00	
Fred S. Ellis,	5 00	
Samuel O. Cheever,	82 48	
Kate Tobin,	5 25	
Mary Holland,	10 00	
Mrs. Campbell,	45 75	
Julia Cotter,	72 00	
Kate Forsaith,	48 00	
Mary Fenlason,	48 35	
Sarah McCready,	146 20	
Mary Lord,	155 75	
Robertina Crockett's family,	88 00	
Elizabeth McGovern,	84 50	
Mrs. J. Smith,	33 67	
Hannah Connelly,	48 00	
Mrs. Wm. B. Osgood,	96 00	
Julia Murphy,	6 50	
John Buckley,	112 71	
Jessie Baxter,	96 00	
John D. Lynch,	120 00	
Ellen Connors,	142 25	
Mary Comber,	184 10	
Michael Troy,	109 40	
Kate Rogers,	211 94	
Rosetta Morrison,	53 90	
Joseph Babine,	6 00	
Kate Murray,	63 00	
Eliza Martin,	29 75	
William J. Driscoll,	39 80	
D. J. Buckley,	1 50	
<i>Amount carried forward,</i>	<i>————</i>	<i>\$2517 88</i>

Appropriation, March 1st, \$5000 00

Amount brought forward, \$2517 88

John McCallum, 18 11

Care of tramps at Ballard Vale, 5 50

Railroad fares and expenses look-
ing up pauper settlements,

transporting paupers, and

housing state paupers, 92 38

————— \$2633 87

SOLDIERS' RELIEF.

Ann Ahearne, \$ 48 00

George E. Pike, 240 00

Elmore Dane, 108 00

John C. Hovey, 112 14

Emma Shattuck, 111 45

William H. Hodgman, 95 49

George Craig, 96 00

Mary Russell, 48 00

Benjamin Cheever, 165 40

Jane Lindsay, 225 86

Mrs. L. M. Mason, 60 00

————— \$1310 34

PAID ON ACCOUNT OF COMMONWEALTH.

Fred Rhodes, \$ 23 44

John Porter, 26 74

John Fraize, 13 80

George Dixon, 1 50

Charles Baker, 122 43

Bridget Murphy, 6 00

Bernard Sweeney, 30 41

Anabella Leslie, 35 75

Thomas White, 11 30

————— \$271 37

Amount carried forward, \$4215 58

Appropriation, March 1st,	\$5000 00
<i>Amount brought forward,</i>	\$4215 58

PAID ON ACCOUNT OF CITIES AND TOWNS.

Lynn, Lizzie A. Abbott,	\$ 40 00	
Carlisle, Frank Hatch.	76 80	
No. Andover, Mrs. Harrington,	48 50	
Lawrence, Mary Donahue,	4 50	
Lowell, Lizzie Carroll,	6 00	
Lynn, John Parton,	75	
	<hr/>	\$176 55

PAID CITIES AND TOWNS.

Boston, Mary B. Lord,	\$ 30 50	
Boston, Mary O'Connor,	107 89	
Lawrence, Mrs. J. M. Abbott,	180 00	
	<hr/>	\$318 39

PAID CITIES AND TOWNS.—SOLDIERS' RELIEF.

Boston, Mrs. Nathan H. Gray,	\$ 18 60	
Rockland, Sarah D. Noland,	66 00	
	<hr/>	\$84 60

LUNATIC HOSPITALS.

Danvers, Mary Riley,	\$169 45	
Danvers, George F. Stevens,	83 11	
Medfield, George F. Stevens,	74 40	
Danvers, Olga Mayer,	169 48	
Danvers, William B. Osgood,	169 48	
Medfield, Henry Smith,	146 00	
Danvers, Bridget Dwane,	169 48	
Danvers, Bridget Hayes,	169 46	
Danvers, Charles L. Holt,	83 10	
Medfield, Charles L. Holt,	74 40	
Danvers, John F. Abbott,	65 00	
	<hr/>	\$1373 36

Total expenditure,	\$6168 48
Overdrawn,	<u>\$1168 48</u>

SUMMARY OF OVERSEERS' ORDERS.

Total Appropriation, March 1st,		\$9500 00
Almshouse expenses,	\$1491 42	
Relief out of Almshouse,	6168 48	
Repairs on Almshouse,	306 20	
Total expenditure,	—————	\$10966 10
Overdrawn,		<u>\$1466 10</u>

REPRESENTATIVE FUND.

The interest on this fund has been given this year to Mrs. Mary Fenlason.

The running expenses of the Town Farm will be about the same as last year.

Respectfully submitted,

ARTHUR BLISS,	} <i>Overseers</i>
SAM'L H. BOUTWELL,	
JOHN S. STARK,	

of Poor.

Superintendent's Report.

ALMSHOUSE.

Whole number of paupers in Almshouse during the year,	31
Whole number of weeks' board,	1307
Average weekly expense for each inmate, first deducting the amount sold from the farm from the expense of the Almshouse, was	\$1 63
Whole number of tramps, 50.	

REMAINING IN ALMSHOUSE.

Between eighty and ninety,	2
Between seventy and eighty,	7
Between sixty and seventy,	5
Between fifty and sixty,	3
Between forty and fifty,	5
Between thirty and forty,	1
Between twenty and thirty,	2
Between ten and twenty,	1
Between one and ten,	1
Total,	<hr/> 27
Number at beginning of the year,	23
Number admitted,	8
Number discharged,	3

PERSONAL PROPERTY AT THE ALMSHOUSE.

Household furniture,	\$1100 00
Clothing,	500 00
Farm stock,	600 00
Farm tools,	700 00
Farm produce,	500 00
Fuel,	150 00
Provisions,	100 00
Total,	<u>\$3650 00</u>

SUPERINTENDENT'S FARM ACCOUNT.

Dr.

To cash received for

Hay,	240 39
Labor,	485 55
Board,	137 50
Vegetables,	604 38
Milk,	633 78
Cows,	59 50
Pigs,	74 38
Eggs and Poultry,	49 15
Gravel,	18 10
Horse,	35 00
Pasturing Cows,	20 50
Cabbage Plants,	3 00
	<u>\$2361 23</u>

Cr.

By cash paid Town Treasurer,	<u>\$2361 23</u>
------------------------------	------------------

The running expenses of the Town Farm will be about the same as last year.

GEORGE L. BURNHAM, SUPT.

ANDOVER, Mass., Jan. 11, 1898.

Fire Department.

REPORT OF CHIEF ENGINEER.

TO THE BOARD OF SELECTMEN :

Gentlemen,—In compliance with the regulations of the Fire Department, I submit the following report :

The force consists of five Engineers, eighteen members of Steamer Co. No. 1, and Hook and Ladder Truck, and ten members of the J. P. Bradlee Co. No. 1.

The apparatus consists of one third-class steam fire engine, one two-horse hose wagon, one one-horse hose wagon, two hook and ladder trucks, and one supply wagon. There are about five thousand feet of hose in good condition.

There have been twelve alarms of fire the past year :

April 22. Wood, Spring Grove Cemetery.

April 22. House, J. M. Bradley.

April 23. House, J. M. Bradley.

April 23. House, W. M. Wood.

July 5. House, Smith & Dove M'f'g Co.

July 24. House, Mr. Sellers.

Sept. 17. B. & M. R. R.

Sept. 21. House, Wm. Blaney.

Sept. 22. House, Geo. W. Simmons Estate.

Nov. 13. House, Jerry Leary.

Jan. 4. House, Miss Nellie Ellis.

SCHEDULE OF PROPERTY.

Two Engine-houses and shed,	\$13500 00
One Steam fire-engine and apparatus,	2000 00
Three horses and harnesses,	300 00
B. F. Smith hook and ladder truck,	250 00
New hook and ladder truck,	1400 00
Two hose wagons,	800 00
Hand engine,	200 00
Total,	<u>\$18450 00</u>

I recommend an appropriation of \$2500 for the running expenses of the ensuing year.

I also recommend an appropriation of \$300 for care of fire alarm, \$500 for Ballardvale engine house, \$3500 for stable at engine house No. 1, and \$3800 for new steamer.

Respectfully submitted,

LEWIS T. HARDY,

Chief Engineer.

Andover, Mass., Feb. 7, 1898.

Police Department.

REPORT OF CHIEF OF POLICE.

TO THE BOARD OF SELECTMEN :

Gentlemen,— In compliance with the regulation of the Police Department, I submit my annual report.

ARRESTS.

The whole number of arrests for the year has been seventy-two (72) for the following causes :

Assault and Battery,	5
Assault,	6
Disturbing the peace,	3
Drunkenness,	11
False pretenses,	1
For out-of-town officers,	2
Insane,	3
Illegal Sale of Liquor,	2
Illegal Keeping,	3
Keeping Un-licensed Dog,	1
Larceny,	3
Malicious Mischief,	1
Polluting Water	4
Safe Keeping,	6
Tramps,	3
Trespass,	3
Vagabonds,	2
Vagrant,	1
Violation of Town By-Laws,	7
Violation of Lord's Day,	4
Whole number of arrests,	— 72

Disposal of cases :

Committed to Lawrence Jail,	11
Committed to Danvers Insane Asylum.	2
Discharged at court,	10
Paid fines,	43
Prisoners turned over to out of town officers,	2

MISCELLANEOUS.

Burglaries reported,	5
Doors found open in stores and secured,	2
Persons locked up,	28
Value of property reported stolen,	\$300 00
Value of equipments in the hands of Police,	100 00
Amount of fines paid to Town Treasurer,	515 00

Respectfully submitted,

GEORGE W. MEARS,

CHIEF OF POLICE.

Cemetery Committee.

The Cemetery Committee herewith submit their annual report with a statement of the receipts and expenditures for the year ending January 1, 1898.

The cemetery has been, as in the past few years, under the care of Mr. Vennard as Superintendent, and the grounds and avenues well kept and improved.

In the near future it will be necessary to survey and lay out an additional number of lots which should be done at once. The proceeds from sale of wood as per Treasurer's report.

Your Committee would recommend that an appropriation of \$300 and the proceeds of the sale of lots be made for the survey and care of the cemetery for the coming year.

WM. S. JENKINS,
JAMES P. BUTTERFIELD,
JOHN L. SMITH,
GEORGE W. FOSTER,
F. G. HAYNES,
CHARLES GREENE,
OLIVER VENNARD,

CEMETERY COMMITTEE.

Andover, February 15, 1898.

REPORT OF SUPERINTENDENT OF SPRING GROVE CEMETERY.

CR.

Appropriation,	\$200 00	
Sale of lots,	267 00	
	<hr/>	\$467 00

DR.

W. H. Higgins,	\$5 50	
T. Haggerty,	32 38	
John Allicon,	98 50	
Philip Allicon,	38 50	
W. H. Harrison,	7 50	
T. Connors,	70 91	
Merrick & Adams,	22 50	
H. McLawlin,	8 13	
George W. Foster,	53 00	
Smith & Manning,	5 80	
H. A. Hayward,	7 50	
O. W. Vennard,	75 50	
Total expenditure,	<hr/>	425 72
Balance unexpended,		<hr/> <hr/> \$41 28

Received from Town as per last Report,	\$11711 02
Received from Town this year,	200 00
Received from sale of lots, wood, etc.,	6861 67
	<hr/>
	\$18772 69
Less amount paid Town Treasurer, proceeds of sale of standing wood in previous years,	1095 83
	<hr/>
	\$17676 86

Cost of land,	\$3000 00	
Cost of improvements, as per last Report,	14209 86	
Cost of improvements this year,	425 72	
	<hr/>	
	\$17635 58	
Balance unexpended,	41 28	
	<hr/>	
	\$17676 86	
	<hr/>	

Lots sold as per last Report,	231	
Lots sold this year,	10	
	<hr/>	241
Whole number of single graves sold,		37
Interments as per last Report,	499	
Interments this year,	29	
Whole number of interments,	<hr/>	528

Respectfully submitted,

O. W. VENNARD,

Superintendent.

Tax Collector's Account.

Abraham Marland in Account with the Town of Andover.

DR.

Amount due Town on Taxes; as by Report Jan. 12, 1897.

1891 Taxes,	\$ 89 62	
Less error in bringing from previous report,	31 15	58 47
1892 Taxes,		287 76
1893 Taxes,		1281 53
1894 Taxes,		2335 77
1895 Taxes,		4824 15
1896 Taxes,		12165 28
Assessors' list 1897,		73372 97
Andover National Bank Tax 1897,		2064 49
		<u>\$96390 42</u>

CR.

Amount collected,	\$72584 63	
Abated,	847 61	
Uncollected,	22958 18	\$96390 42
		<u><u>\$302 25</u></u>

ABRAHAM MARLAND,

COLLECTOR.

Andover, January 12, 1898.

Feb. 7, 1898. Collected in addition to above since books were closed, \$1472.09.

Assessors' Report.

We herewith submit our Annual Report.

Number of Male polls assessed,	1,435
Personal Estate,	\$1,123,582 00
Real Estate,	3,604,029 00
	<hr/>
	\$4,727,611 00.
	<hr/>
Poll-tax,	\$ 2,870 00
Tax on Personal Estate,	16,853 73
Tax on Real Estate,	54,060 44
	<hr/>
	\$73,784 17
	<hr/>

Rate of Tax per \$1000, \$15.00

Number of

Horses assessed,	792
Cows assessed,	789
Cattle other than Cows,	154
Swine,	222
Dwellings,	1069
Acres of land,	18469

ARTHUR BLISS,	}	<i>Assessors of Andover.</i>
SAMUEL H. BOUTWELL,		
JOHN S. STARK,		

Treasurer's Account.

LIABILITIES.

Water Bonds,	\$157000 00
Trustees of Memorial Hall, Notes,	25000 00
Notes,	20500 00
Interest on Notes and Bonds,	1492 63
Bills payable,	900 00
	<u>\$204892 63</u>

ASSETS.

Cash on hand, Town Funds,	\$ 722 14	
Cash on hand, Waterworks,	2667 39	
	<u> </u>	\$3389 53
Uncollected Taxes, 1891,	44 49	
Uncollected Taxes, 1892,	84 94	
Uncollected Taxes, 1893,	1025 71	
Uncollected Taxes, 1894,	1679 35	
Uncollected Taxes, 1895,	3342 59	
Uncollected Taxes, 1896,	6291 35	
Uncollected Taxes, 1897,	10489 75	
	<u> </u>	\$22958 18
Sinking Funds,	5874 25	
Commonwealth, State Aid,	1857 00	
Commonwealth, Military Aid,	96 00	
Commonwealth, Pauper Acct.,	271 37	
Cities and Towns, Pauper Acct.,	176 55	
Concreting,	21 71	
Street Sprinkling,	115 70	
	<u> </u>	\$8412 58
		<u> </u>
		\$34760 29
Balance against the Town,		<u>\$170132 34</u>

GEORGE A. PARKER, TREASURER, IN

DR.

Balance from last year,	\$597 47
Commonwealth, Corporation Tax,	8003 61
Commonwealth, Bank Tax,	2724 82
Commonwealth, Military Aid,	96 00
Commonwealth, State Aid,	1877 00
Commonwealth, State Highway,	4482 28
A. Marland, Collector, taxes and interest,	72886 88
A. Marland, Collector, abatements,	847 61
A. Marland, Town Clerk, Fees,	24 00
G. E. Johnson, Supt., books sold,	5 45
County Treasurer, dog tax,	1157 25
Geo. H. Poor, Esq., Fines,	515 00
Fire Alarm Boxes sold,	200 00
Scales sold,	30 75
Est. J. H. Cochrane, Hay,	6 00
J. J. Abbott, refunded,	36 00
Hay Scales,	51 00
Almhouse,	2361 85
Ballardvale Rents,	204 17
Town House Rents,	120 00
Town Hall,	187 00
Cities and Towns,	107 83
Spring Grove Cemetery, Lots sold,	267 00
Water Rates,	8011 87
Notes,	90000 00
M. A. Malone, Relief Out,	169 92
Relief out, Refunded,	627 89
Concreting Sidewalks,	576 50
Street Sprinkling,	816 12
Licences,	14 00

\$197005 27

ACCOUNT WITH THE TOWN OF ANDOVER.

Cr.

Cash paid Selectmen's Orders:

Schools,	\$19991 52
Schoolhouses,	2499 71
Books and Supplies,	1487 98
Printing and Stationery,	700 00
Street Lighting,	3919 81
Insurance,	596 03
Interest,	9388 41
Snow,	555 31
Horses and Drivers,	2612 46
Highways,	8314 61
State Highway,	4479 06
State Tax,	4296 67
County Tax,	4686 40
Fire Alarm,	2677 86
Dump,	10 50
Fire Department,	3200 00
Town House,	767 16
Town Officers,	4035 96
Miscellaneous,	2080 38
Spring Grove Cemetery,	425 72
Sidewalks,	2148 40
Redemption of Bonds,	5000 00
Hay Scales,	25 00
Water Carts,	630 00
Memorial Day,	200 00
Dog Tax, (two years)	1157 25
Notes Paid,	89000 00
Drinking Fountain,	113 07
Park Commissioners,	197 19
250th Anniversary,	806 00
Ridge Street,	513 10
Maintenance,	4400 00
Sinking Fund,	825 00
Abatement of Taxes,	899 61

Overseers' Orders:

Almshouse Expenses,	4491 42
Almshouse Repairs,	306 20
Relief Out,	6796 34
State Aid,	1857 00
Military Aid,	192 00
Cash on Hand,	722 14

\$197005 27

WATERWORKS.

George A. Parker, Treasurer, in account with the Town of Andover.

DR.

Balance on hand, January 12, 1897,	\$1654 21
Maintenance,	4400 00
Service-pipe,	4317 21
Redemption of Bonds,	5000 00
Interest,	6400 00
	<u>\$21771 42</u>

CR.

Orders paid,	\$9744 03
Bonds Redeemed, (Nos. 37, 38 and 39)	3000 00
Interest on Bonds,	6360 00
Balance, deposited Andover Nat. Bank,	2667 39
	<u>—————\$21771 42</u>

Two bonds and thirteen coupons have not been presented for redemption.

SINKING FUNDS. WATER LOAN.

DR.

Balance as per last report, Jan. 12, 1897,	\$1845 50
Received from Town,	675 00
Interest,	200 75
	<u>\$5721 22</u>

CR.

Deposited in Andover Savings Bank,	\$1805 15
Deposited in Central Savings Bank,	229 56
Deposited in Haverhill Savings Bank,	950 56
Deposited in Lowell Five Cents Savings Bank,	154 52
Deposited in Essex Savings Bank,	853 75
Deposited in City Institution for Savings,	643 32
Deposited in Broadway Savings Bank,	1084 39
	<u>—————\$5721 25</u>

MEMORIAL HALL NOTES.

Dr.

Received from Town,	\$150 00	
Interest,	3 00	
	<hr/>	\$153 00

Cr.

Deposited in Lowell Institution for Savings,	<hr/> <hr/>	\$153 00
--	-------------	----------

WARE SIDEWALK FUND.

Amount as per last report,	\$87 89	
Andover Savings Bank, interest,	3 52	
	<hr/>	\$91 41

Cr.

Deposited in Andover Savings Bank,	<hr/> <hr/>	\$91 41
------------------------------------	-------------	---------

RICHARDSON FUND. FRYE VILLAGE SCHOOL.

Amount as per last report,	\$1046 47	
Andover Savings Bank, interest,	42 26	
	<hr/>	\$1088 73

Cr.

Deposited in Andover Savings Bank,	<hr/> <hr/>	1088 73
------------------------------------	-------------	---------

SPRING GROVE CEMETERY FUND.

Amount as per last report,	\$550 00	
Lawrence Savings Bank, interest,	22 22	
	<hr/>	\$572 22
Deposited in Lawrence Savings Bank,	<hr/> <hr/>	

TRUST FUNDS FOR CARE OF CEMETERY LOTS.

Cash deposited in Andover Savings Bank,	\$2000 00
Interest to January, 1897,	154 06
	<u>\$2154 06</u>
Paid for care of lots, 1897,	71 00
	<u><u>\$2083 06</u></u>

GEO. A. PARKER,

TREASURER.

ANDOVER, Jan. 15, 1898.

Cornell Fund.

Amount of Fund,		\$5000 00
Deposited in Savings Bank,		5000 00
		<hr/>
Cash on hand, 1897,	\$ 65 13	
Dividends, 1897,	264 00	
	<hr/>	\$329 13
Amount expended,	\$258 27	
Cash on hand,	70 86	
	<hr/>	\$329 13
		<hr/>

FRANK E. GLEASON, }
JOSEPH A. SMART, } *Trustees.*
CHARLES GREENE, }

ANDOVER. Mass., February, 1898.

Auditors' Certificate.

We have this day examined the accounts of the several Town Officers and find them correctly cast and satisfactory vouchers for all payments made.

The Town Treasurer has on deposit in the Andover National Bank six hundred and eighty-one dollars and twenty-three cents (\$681.23), and forty dollars and ninety-one cents (\$40.91) in cash, and twenty-six hundred and sixty-seven dollars and thirty-nine cents (\$2667.39) to the credit of the water loan.

LOUIS A. DANE,
GEORGE A. HIGGINS,
CHARLES B. JENKINS,

AUDITORS.

ANDOVER, MASS., JAN. 29, 1898.

Sewer Commissioners' Report.

To the Citizens of Andover :

Your Board of Sewer Commissioners feel that they have done all in their power to enable them to place the whole question of a system of sewers for the Town before you for definite action, and in doing so a brief review of the question as it has been before the Town since the election of the Board, would seem desirable.

This Board was created at a special Town Meeting held May 22, 1893, the Town at that time electing a Board of Sewer Commissioners under the provisions of Chapter 236, Acts of 1893. They immediately advised with the State Board of Health and secured the services of McClintock and Woodfall, engineers, to make a complete survey of the Town and plans and estimates of the various systems possible. The report of the engineers was substantially as follows :

“The report is accompanied by a map of that part of the Town of which we have made a study, and a set of profiles showing the levels on each street, and grade of proposed sewers with location of manholes, etc. The Town of Andover is made up of several villages. In our study we have planned for Main, Frye and Abbott Villages and Ballard Vale.

The main village lies on high ground, while the remaining villages lie along the banks of the Shawsheen River. After a careful study we have come to the conclusion that it was best to plan a system so that the sewage could all be discharged at one point.

The area for which we have planned sewers is 1000 acres ; the present population is about 6200 ; we have planned for a future population of 15,000. Our main sewer is planned to carry 3,000,000 per day, or at the rate of 200 gallons per person per day. In figuring the size of our outlet we have allowed 75 gallons per day per person. As this will all flow off, say in 18 hours, we shall have a flow at the rate of 100 gallons per person per day. The amount of ground water that will find its way into the sewers is uncertain and depends on the character of the ground, and the care with which the sewers are built. Observations on existing sewers show that we may expect as much water from extraneous sources as we get from the houses. This gives us 200 gallons per person per day or at the rate of 3,000,000 per day for a population of 15,000.

The sewers are planned to carry only house drainage ; no surface water should be admitted. The surface or storm water can easily be taken care of by the present water courses. The cost of a system of sewers planned large enough to carry storm water would be about three times that of one planned to carry house drainage only. As the extra cost would be so large and the benefits derived so small from the building of a combined sewer, we recommend the building of a system for house drainage only. A careful study of the levels shows that the sewage can all be collected at a point on Haverhill street near Poorhouse Road. The sewers as a rule have good grades, the small sewers having a fall of 5 feet in 1000.

The question of an outlet has been one requiring considerable study. The natural outlet is into the Shawsheen River ; but this, on account of its small size and sluggish current, would not be a suitable point for a permanent outlet and probably would not be approved by the State Board of Health.

A second point where the sewage might be discharged is on filter beds along the bank of the Shawsheen below Frye

Village. The soil at this point is unfit for sewerage purification and would have to be removed and replaced by gravel drawn about a mile. These beds would cost from \$6000 to \$7000 per acre to prepare.

There is only available land enough to last a few years, and then the sewer would have to be extended to the Merrimac River or a pumping plant put in and the sewage pumped to other land. We should not recommend treatment on land at this point.

A third point of discharge is into the Merrimac River by means of a sewer about three miles long, following the general line of the Shawsheen River. The sewer would be a 24-inch pipe laid on a grade of one foot in 1000. There will be a number of deep cuts and in several places the sewer will have to be built on an embankment, and in other places covered by banking over the sewer. This line will give a permanent outlet, and one requiring the minimum annual expenditure to maintain, as the Superintendent of Sewers can look out for this line as well as the sewers lying in town. The sewers should be provided with an overflow into the Shawsheen River for use when the Merrimac River is high. The outlet would be into the Merrimac River at the mouth of the Shawsheen River. If any trouble should arise at this point the sewer might be extended into deep water by means of an iron pipe.

In view of the large additional expense to continue the sewer to the Merrimac River we think it but fair to look for temporary relief. In this line we suggest a temporary outlet into the Shawsheen River at a point 1200 feet from Haverhill Street. The sewage could be brought to this point on such a grade that it could be continued to the Merrimac River at any time.

This outlet would require the building of a settling tank that would take out all of the solid matter, allowing only the soluble matter to reach the Shawsheen River. A small filter

bed could be built to receive the sludge or it could be composted.

While this method of disposal would not do as a permanent thing we cannot see why with constant attention it might not work all right until the amount of sewage became so great by extension of the sewerage system as to cause the river to be polluted. When this happens, or in case the Shawsheen River is used as a water supply, the outlet to the Merrimac would have to be built. The estimated cost of this scheme including the sewer from settling tank to Lowell Street, settling tank, house over tank, gates, 2-acre filter bed, drain, etc., is

\$6498 00

15 per cent. for engineering and contingencies

975 00

Total,

\$7473 00

If this outlet could be used for a few years it would give time for the building of sewers most needed. After these were paid for the Town could build the outlet and would not feel the burden so much as they would to build both at once. It is also well to consider that the interest saved will go far toward building the outlet when required into the Merrimac River."

This report was transmitted to the Town March 6th, 1894, and referred back to the Commissioners with instructions to report at the next annual Town Meeting. By vote of the Town at the annual meeting of 1895, the subject of sewerage was postponed to an adjourned meeting which was held March 20th, 1895, at which time your Board of Sewer Commissioners presented the following report:

SUPPLEMENTARY REPORT OF SEWAGE COMMISSIONERS,
MARCH 14TH, 1895.

To the Citizens of Andover:

Your Sewer Commission make the following report in addition to that made in March, 1894.

At that time the Commissioners published the report of the en-

gineers employed by them to make surveys and estimates for the whole town. From the report which they then made, the Commissioners thought it might be better to seek temporary relief by entering the Shawsheen River at a point below Frye Village, but on a thorough examination of the whole subject, including an equitable adjustment of assessments, they are unanimously of the opinion that the Town should be prepared to carry the outlet to the Merrimack, and in estimating cost, increase in taxation and assessments, this outlet has been figured. That part of the town which will require sewers in the next ten or fifteen years, lies on the east side of the Shawsheen River, and the whole of the occupied area of that portion of the town has been estimated.

The general laws relating to sewers and sewer assessments are very elastic, allowing the Town to pay from one-fourth to two-thirds of the entire expense, but in light of the fact that the benefits to be derived are largely felt by the abutters on streets in which sewers may be laid, the expense should fall largely on them. If the Town provides the outlet from Frye Village to the Merrimack it will have done its part and the remainder of the expense should be borne by the abutters. This would mean one-third of the entire cost of the contemplated system that will be required during the next fifteen years; viz: 79724 feet of sewers at an estimated cost of \$166,490. The part to be borne by the abutters would be $2-3 \times \$166,490$ equals \$111,020, which divided on a frontage of 95,293 feet equals \$1.17 per foot front, to be paid by the abutters, provided the Town bears one-third of the expense.

The probable effect on property owners will be

Interest on \$55000 at 4 per cent.,	\$2200
Care and superintendence,	800
Total expense,	<hr/> \$3000

equal to a tax levy of about 65 cents per \$1000. Should the Town pay but one-fourth of the expense, the assessment on abutters will be about \$1.31 per foot front, and the tax levy be about 50 cents per \$1000.

These figures, as regards assessments, are made from a careful study of that portion of the town mentioned, and ample allowance has been made for property not liable to assessment. In the matter of assessments there are several ways in which they may be ad-

justed; by assessing the frontage per lineal foot and by areas, are the more common ways. Your Commissioners are of the opinion that the most equitable way is a combination of both of these plans, assessing a part as a frontage tax and a part by the area contained between the street line and a line parallel to and 120 feet distant from it, no portion of said area to be assessed twice. This method leaves no room for question as to the proper size of corner lots, etc.

Whatever may be the method of assessment, the burden can be lightened by apportioning the assessment through a number of years, and the Legislature has, in case of various towns, allowed apportionment extending over a period of ten years, and there is no reason why Andover should not enjoy the same privilege. The Commissioners recommend, first, that that portion of the system of sewers planned by McClintock & Woodfalls, lying on the east side of the Shawsheen River, together with the outlet to the Merrimack River, be adopted by the Town, and that the Commissioners be instructed to proceed with the construction of that portion of the system which they deem for the best interests of the Town.

Second, that the Commissioners be instructed to petition the General Court for an act empowering the Town of Andover to lay and maintain an outlet sewer through the Town of North Andover and City of Lawrence, authorizing the issue of bonds to an amount not exceeding \$50,000 in excess of the debt limit as prescribed by law, and authorizing the apportionment of sewer assessments into ten annual payments.

That the citizens may fully understand the cost of the proposed improvement, a few estimates are appended. These estimates are ample and are made for sewers of a capacity for a population of 15,000.

Total cost of complete system as planned by McClintock & Woodfalls,	\$232000 00
Cost of system as recommended by Com- missioners,	166490 00
Cost of portion of system for which there seems to be an immediate necessity:	
With tank emptying into Shawsheen,	75645 00
With outlet into Merrimack,	127500 00
Estimated assessment, town paying 1-3 cost, \$1.17 per front foot	

Estimated assessment, town paying 1-4 cost, \$1.31 per front foot

Estimated increase in tax rate, town paying

1-3, 65 cents

Estimated increase in tax rate, town paying

1-4, 50 cents

The tax for a few years, or until assessments shall be made, would be about three times this amount per year.

At that meeting the second recommendation contained in this report was acted on, and it was

Voted, That the Town, by its Sewer Commissioners, petition the General Court for authority to establish a system of sewerage with an outlet therefor through North Andover and Lawrence into the Merrimac River; for authority to issue bonds for construction of its system of sewerage in excess of municipal indebtedness; for authority to apportion sewer assessments over a term of years, and to do all other acts necessary and convenient to the introduction of sewerage in said Town of Andover.

Voted, That five hundred dollars be raised and appropriated for the use of the Sewer Commissioners in further investigating the matter of sewerage.

Owing to an undesirable section which was enacted in the bill which was presented to the General Court, your Commissioners did not deem it advisable to ask the Town to accept it, and turned their attention to the devising of some scheme whereby sewage could be treated economically, and visited Brockton and Worcester to investigate the practicability of applying the schemes which are there in use to the needs of Andover, but could not satisfy themselves as to the propriety of their application. They reported to this effect at the annual meeting in 1896, and asked authority to petition the General Court for the repeal of the undesirable section of the Andover Sewer Act. The Town

Voted, That the Town instruct the Sewer Commissioners to appeal to the Legislature to repeal Section 15 of Chapter 386, of the Acts of 1895, entitled "An act to authorize the

Town of Andover to establish a system of sewerage." Owing to its being late in the session the General Court referred the bill to the Legislature of 1897.

Your Commissioners during 1896, were mainly employed in investigating the various systems of purification, and visited Brentwood, N. H., for the purpose of seeing the "Glover System" in operation. This system proved in no way desirable for Andover.

At the annual meeting of 1897, owing to non-action on the part of the General Court, your Commissionors recommended that no definite action be taken. During 1897, Section 15, of Chapter 386, Acts of 1895, was amended by the General Court, and your Board of Sewer Commissioners feel justified in asking the Town to accept it as amended.

Practically starting where we left off in 1895, referring back to report of that year and the events of later date, we would recommend

First, That Chapter 386, Acts of 1895, as amended by Chapter 130, Acts of 1897, be accepted by the Town.

Second, That that portion of the system of Sewers planned by McClintock and Woodfall, lying on the east side of the Shawsheen River, together with the outlet to the Merrimac River be adopted by the Town.

Third, That the Town authorize the issue of Bonds to be designated The Sewer Loan, to the amount of eighty thousand dollars, the proceeds from sale of said bonds to be used for sewer construction.

Fourth, That the Sewer Commissioners be instructed to proceed with the construction of that portion of the sewer system which they believe to be a present necessity, together with a system of tanks emptying into the Shawsheen River at a convenient point below Frye Village.

Respectfully submitted,

WM. S. JENKINS,	} <i>Sewer Commissioners.</i>
J. L. SMITH,	
JOHN E. SMITH,	

Park Commissioners' Report.

To the Citizens of the Town of Andover :

In presenting their first annual report to the town, the Park Commissioners wish to express gratitude for a map which was put into their hands by the Selectmen of the town, containing accurate and minute details with reference to the Carmel Woods, and also valuable suggestions as to the proper way in which the woods might be developed for park purposes. The plan was of great value to the Commissioners, and they have availed themselves, so far as possible, of the suggestions contained in it.

With the limited amount of money at their disposal for the year 1897, they decided that it was clearly their duty to expend the whole amount so far as it would go in opening up Carmel Woods. They accordingly laid out a carriage trail following, as far as possible, any existing cart trail, through the extreme length of the park, and in the middle of the park carrying the trail in an approximately circular form around the highest part of the woods, thereby making a central drive to which they have given the name of "The Outlook." Several narrow footpaths have been made by one of the Commissioners, and it is hoped that as soon as spring weather opens this work may be further extended. In opening the carriage trail they were greatly aided by the courtesy of Mr. John H. Flint, who gave to them the right to cross over a portion of his land adjoining the park land, thus giving to the park a suitable temporary entrance.

An account of the expenditures by the Commissioners for the year 1897 will be found at the end of this report.

It would be of very great value if such wood as is cut down could be sold and the proceeds taken to be used in

further development of the park, and for this purpose an article is inserted in the warrant for the Town Meeting giving the Park Commissioners power to sell such wood as they may cut down.

There should be a considerable clearing out of underbrush, and dead wood throughout the twenty-nine acres, this being deemed necessary as preventing fires and as giving existing trees a better chance for growth. They would recommend also the provision of seats at various places in the park, and they believe that in order to produce the best results, trees, wherever growing close together, or undesirable trees injurious to the development of other trees, should be cut down. They also think that the existing carriage road should be widened so that teams could pass in either direction.

The entrance on High Street needs considerable work and expenditure of money in order to make it presentable and safe for passage, and it also seems desirable to have an entrance to the park at some other place, and having this in view they have found out that an entrance can be purchased at the southwest corner of the park through land of Mr. John H. Flint including the street near the late residence of Mr. Joseph M. Bradley. This street and the continuation of it to the park will not only provide a new entrance to the park, but will give to persons going toward the park some of the most desirable views from high land that can be found in Andover. The price of this land, together with the land already used as a temporary entrance, (comprising about 4 1-2 acres), is one thousand dollars, and the Commissioners earnestly recommend that this amount be expended for the purpose.

For the further prosecution of work in the park, cutting down trees and clearing out underbrush, they ask for the sum of one thousand dollars, hoping with that amount to be able to open up the territory and make it what it was intended to be : a park for the use of the citizens. In the future only a small yearly expenditure will be necessary.

RICHARDSON FIELD.

The Commissioners report in regard to this field, which contains 155,542 square feet, that the owners ask seven cents per square foot for this land. The small lot of land, owned by Mr. J. W. Berry at the northeast corner of the Richardson field containing upwards of 18,000 square feet, can be purchased for about \$1,250. Upon the figures above named the determination of the cost of the two lots is made easy and amounts to the somewhat large sum of \$12,137.94. These prices might possibly, in case of an actual purchase, be very much reduced, and, in case of a failure between the Commissioners and the various owners to agree upon a price, the land could be taken by right of eminent domain and the final determination of price be left to the award of a jury, and it is highly probable that a jury would allow for both lots a value much below the sum above named.

Considerable time has been devoted to plans looking toward the development of Richardson field either as a park or for playground purposes. The great obstacle to the development of the field is, of course, the brook, and also the generally low situation of the land, which renders it, at certain seasons of the year, almost impassable and which makes it generally moist. In order to drain the field it would be necessary undoubtedly to lower the brook and change its course. From the point where the brook enters the field to where it flows under the culvert at Bartlet Street there is a fall of over three feet. By taking advantage of this fall the brook could probably be lowered, sufficiently to give a proper flow to the water, and then covered over so that it would no longer be an obstacle to the full enjoyment of the field, or detrimental to the beauty of its appearance; but whatever is done by way of lowering the brook will have to be supplemented by raising the grade of the field, which can only be brought about by filling, and it is estimated by a competent engineer that on the average the field should be filled in about two feet above its present level.

In order, however, to make Richardson field an ideal source of beauty to the town, it should be made a portion of the grounds surrounding the school buildings on Bartlet Street, and in order to adapt it thoroughly to this purpose the street between Richardson field and the Punchard school field should be discontinued altogether, or if not discontinued should be raised up to such an extent as to make its existence there no detriment either to the beauty of the Richardson field or to its uses as a ball ground or general playground. For this purpose some considerable grading would be needed near the Punchard school, and the area of the park by the land taken from the Punchard school field could be very much increased.

In presenting the above particulars with reference to the Richardson field, your Commissioners consider that they have done all that they were required to do by the vote at the last Town meeting, and instead of recommending the purchase of the land, they prefer to leave the matter for the determination of the citizens. Inasmuch, however, as the Richardson field to-day has no houses upon it, they would invite the citizens to consider whether it might not now be a good plan for the town to take it and to hold it for such improvement as in time it may be deemed wise to make upon it.

THE CARE OF TREES.

Under Chapter 428 of the Acts of 1897, there is cast upon the Park Commissioners of Andover the duty to care for all trees in the highways. There are other existing statutes which provide for the care of trees by an officer known as Tree Warden, or, again, under a statute passed in 1897, a Forester. Chapter 428, Acts of 1897, seems to throw the care of trees upon Park Commissioners, and to make it mandatory that the Commissioners shall care for them. Under these circumstances, until a Tree Warden or a Forester is appointed, there would seem to be no authority in anybody but the Park Commissioners to attend to the trees. As the

care of trees in the highways would require more time than the Commissioners can give, they recommend the appointment of a Tree Warden. The statutes of the Commonwealth allow the driving of what are known as "State nails" into certain trees which thereby are set apart and protected fully by the law, which inflicts heavy penalties upon any person cutting down these trees, and, in case the town does not appoint an officer to care for trees, there are many trees in the highways your Commissioners would like to protect in this manner, and they ask for an appropriation of two hundred dollars in order that a person under their supervision may be employed to care for the trees in the highways in case the town should not appoint an officer for that purpose.

ACCOUNT OF THE EXPENDITURES ON THE CARMEL WOODS.

Henry Prevo, 27 days, 7 1-2 hours, at \$1.75,	\$43.71
Wesley Richardson, 2 days, at \$1.50,	3.00
Francis H. Foster, laying out "The Outlook."	2.00
Henry McLawlin, 1 grub hoe, 1 pick handle, blasting powder,	1.25
Joseph T. Lovejoy, pair horses, 12 days, 7 1-2 hours, at \$3.00,	38.50
Joseph T. Lovejoy, 12 days, 7 1-2 hours, at \$1.50,	19.25
Hugh Malcolm, " " " " " \$1.75,	22.46
S. A. Lovejoy, " " " " " \$1.50,	19.25
Anderson & Bowman, sharpening drills, hoes and picks,	.35
Hardy & Cole, for fence, signs, etc.,	42.42
Total,	<hr/> \$197.19

Respectfully submitted,

ALBERT POOR,	}	<i>Park Commissioners.</i>
WM. G. GOLDSMITH,		
FRANK S. MILLS,		

Board of Health Report.

The Board of Health herewith presents its annual report to the citizens of Andover :

It will be noticed in the tabulated report appended, that our Town has still kept up to its former record in regard to immunity from any serious epidemic, and our low rate of mortality is still in evidence. We must, however, call your attention to the increasing need of a proper system of sewerage, not only for the immediate disposal of our waste water, but to keep, so far as we are able, our town land in such condition that it may not become a source of contagion and mortality.

During the past year the usual number of nuisances have been brought to our notice, and have been attended to and adjusted without recourse to law, and our requirements have as a rule been promptly complied with. It should be held constantly in mind, however, that this Board is not constituted to act as referee in matters personal, or to attend to cases brought to its notice by anonymous letters. The history of the Board of Health in Andover since its institution, has been one of progression, not due to the work of any one individual, but to the fact that our citizens have and are learning the value of the great factor of cleanliness, and your Board asks the hearty coöperation of every citizen in the maintenance of the healthful conditions of our town, by suggestion of ideas or the report of any unsanitary circumstances.

The artistic decoration of various vacant lots about town with ashes, tin cans, boots and general refuse has been greatly modified by the work of the A. V. I. S., but unfortunately unsightly heaps of refuse cannot always be rated under the general head of nuisances, or dangerous to the public health — while less conspicuous points are serious nuisances but unsuspected.

The subject of Milk Inspection we trust will be taken up the coming year, for it certainly comes home forcibly to every individual, and from a somewhat hasty examination of several specimens, your Board feels that all venders of milk should only be allowed to sell under proper inspection. The fact that the party who finally sells milk from his wagon or store to the consumer, is the responsible party, should cause the honest retailer to be very cautious that the milk he receives or sells is up to the standard in every respect.

The subject of Vaccination is again brought to the notice of parents, and the law is well known. The Physician of your Board has not insisted upon the immediate attention to this rule which might be required in certain localities, and again, that families who have a preference could have the opportunity to employ their own medical advisor. Hereafter the law will be strictly complied with, and this notice will be considered sufficient for all our citizens.

Your Board is not only ready, but willing, to give advice upon any subject pertaining to the public health, in-so-far as it is able, and will be pleased to secure special advice upon such subjects as the analysis of water, milk, articles supposed to contain poisons, as arsenic in wall-paper, etc.

Report of contagious diseases :

Scarlet Fever	5	Diphtheria	8
Typhoid Fever	1	Measles	68

ARTHUR BLISS,	}	<i>Board of Health.</i>
HOWELL F. WILSON.		
C. E. ABBOTT, M. D., Sec'y.		

Punchard Free School.

The Trustees of the Punchard Free School submit to the Town this account showing their Receipts and Expenditures for the year 1897, and the Condition of the Fund at the close of the year.

TREASURER'S REPORT FOR THE YEAR 1897.

PRINCIPAL.

Amount of the Fund January 1, 1897,		\$75005 00
This remains unchanged December 31.		
It is invested as follows :		
Real Estate Mortgages	\$73275 00	
On deposit awaiting investment,	1675 00	
In Savings Bank,	55 00	
	<hr/>	<u>\$75005 00</u>

INCOME.

Balance on hand January 1, 1897,	\$1040 88	
Interest collected on mortgages,	4084 47	
Interest on deposit in Trust Co.,	84 98	
Book assessment paid by pupils,	283 75	
	<hr/>	
Expended as per statement below.	\$4696 22	
Balance on hand December 31, 1897,	797 86	
	<hr/>	<u>\$5494 08</u>

DETAILED STATEMENT OF EXPENSES.

Frank O. Baldwin, Principal,	\$1799 55
Mary E. Dern, Assistant,	642 15
Jean S. Pond, Assistant,	573 00
Charlotte Norris, Assistant,	544 00
Mary E. Carter, Assistant,	376 00
	<hr/>
<i>Amount carried forward,</i>	\$3934 70

<i>Amount brought forward,</i>	\$3934 70
Frederic Palmer, Chairman Visiting Committee,	100 00
Geo. H. Poor, Treasurer,	200 00
American Express Co.,	45
Andover Press, Printing,	8 75
Frank O. Baldwin, supplies,	9 10
Arthur Bliss, chemicals,	23 75
C. C. Bourne, tuning piano,	2 50
G. C. Cannon, filling diplomas,	5 00
G. A. Higgins & Co., books and supplies,	333 70
L. E. Knott Co., supplies,	77 39
Henry P. Noyes, repairs,	88
Total expenses,	<u>\$4696 22</u>

GEO. H. POOR,

TREASURER.

January 1, 1898.

Examined, and found correct.

GEORGE A. PARKER,

M. E. GUTTERSON,

AUDITORS.

FREDERIC PALMER, HORACE H. TYER,

FRANK R. SHIPMAN, GEORGE H. POOR,

ROBT. A. MACFADDEN, MYRON E. GUTTERSON,

GEORGE A. PARKER, SAM'L H. BOUTWELL,

TRUSTEES.

DEPARTMENT RECOMMENDATIONS.

The following is a list of appropriations, a part of these are the amounts recommended by several of the departments. Those marked thus * are the amounts of last year.

Schools.	\$21000 00
School-Houses,	2000 00
School-Books and Supplies,	1500 00
*Repairs on Highways and Bridges,	3000 00
*Macadamized Roads,	4000 00
*Sidewalks,	1500 00
*Removing Snow,	500 00
Town Officers,	5000 00
Town House,	1000 00
Waterworks, Maintenance,	4200 00
Sinking Fund,	875 00
Fire Department, Running Expenses,	2500 00
New Apparatus, Stable and Repairs,	7800 00
Fire Alarm, Maintenance,	300 00
Horses and Drivers,	3000 00
*Street Lighting,	4100 00
Printing and Stationery,	700 00
Spring Grove Cemetery,	200 00
Memorial Day,	200 00
State Aid,	1600 00
Military Aid,	300 00
Expenses of Almshouse,	4000 00
Relief out of Almshouse,	5000 00
Repairs on Almshouse,	500 00
State Tax,	5000 00
County Tax,	5000 00
Abatement of Taxes,	300 00
*Interest on Notes, Funds, and Bonds,	9500 00
Insurance,	500 00
Hay Scales,	50 00
Miscellaneous,	1500 00
Total,	\$96625 00

Respectfully submitted,

ARTHUR BLISS, SAMUEL H. BOUTWELL, JOHN S. STARK,	}	<i>Selectmen of Andover.</i>
--	---	--------------------------------------

TOWN WARRANT.

ESSEX SS : To either of the Constables of the Town of
Andover. GREETING :

In the name of the Commonwealth of Massachusetts you are hereby directed to notify and warn the inhabitants of the Town of Andover, qualified to vote in town affairs, to meet and assemble in the Town House, in said Andover, on Monday, the seventh day of March, 1898, at nine o'clock, A. M., to act on the following articles, namely :

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2nd. — To choose Town Clerk, Treasurer, Collector of Taxes, one member of the Board of Selectmen, Assessors and Overseers of the Poor for one year or three years as the meeting may determine, and one member for one year to fill vacancy, one member of the Board of Health for three years, and one member for two years to fill vacancy, three members of the School Committee for three years, one Water Commissioner for three years, one Trustee of the Memorial Hall for seven years, one Sewer Commissioner for three years, Superintendent of Streets, five Trustees of Punchard School for three years, one or more Auditors of Accounts, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, a Pound Keeper, Fire Wards and any other officers the town may determine to choose.

Article 3d. — To take action on the following question :
 “ Shall Licenses be granted for the sale of Intoxicating
 Liquors in this town ? ”

Article 4th. — To determine what sums of money shall be appropriated for Schools, School-houses, School Books and Supplies, Highways and Bridges, Sidewalks, Removing Snow, Horses and Drivers, Town Officers, Town House, Hay Scales, Fire Department, Insurance, Street Lighting, Printing and Stationary, Spring Grove Cemetery, Memorial Day, State and Military Aid, Waterworks, Interest on Bonds, Funds and Notes, State and County Taxes, Abatement of Taxes, Almshouse Expenses, Relief out of Almshouse, Repairs on Almshouse and other town charges and expenses.

Article 5th. — To see if the Town will appropriate a sum of money for a Steam Fire Engine on petition of the Engineers.

Article 6th. — To see if the Town will appropriate a sum of money for an addition to the present Engine House No. 1, for a stable, on petition of the Engineers.

Article 7th. — To see if the Town will appropriate a sum of money to paint and repair Engine House at Ballard Vale, on petition of Engineers.

Article 8th. — To see if the Town will accept Chapter 386, Acts of 1895, as amended by Chapter 139, Acts of 1897, entitled an Act to authorize the Town of Andover to establish a system of Sewerage.

Article 9th. — To see if the Town will accept that portion of the system of sewers shown on plan of McClintock and Woodfall, dated January, 1894, lying on the east side of the Shawsheen River, together with the outlet to the Merrimac River, as a sewerage system and authorize the construction thereof.

Article 10th. — To see if the Town will authorize the issue of Eighty Thousand Dollars of Bonds for Sewer construction, on recommendation of Sewer Commissioners.

Article 11th. — To see if the Town will appropriate a sum of money to extend the concrete walk around the southerly end of Cresecent Park, on petition of the Village Improvement Society.

Article 12th. — To see if the Town vote to and will revoke its acceptance of the laws providing for the election of Selectmen, Assessors and Overseers of the Poor, for terms of three years, on petition of George H. Poor and nineteen others.

Article 13th. — To see whether the Town will appropriate One Thousand Dollars to purchase of John H. Flint the present temporary entrance to Carmel Woods, and a new entrance from Walnut Avenue, as recommended by the Park Commissioners.

Article 14th. — To see if the Town will appropriate Twelve Hundred Dollars for general use of the Park Commissioners for the ensuing year.

Article 15th. — To see whether the Town will authorize the Park Commissioners to sell such wood as may be cut in Carmel Woods, and apply the proceeds in extension of work therein.

Article 16th. — To see whether the Town will adopt Chapter 190 of the Acts of 1896, relating to Tree Wardens, or Chapter 254 of the Acts of 1897, relating to a Forester to have charge of the trees in the highways, on petition Village Improvement Society.

Article 17th. — To see if the Town will authorize the issue of Five Thousand Dollars of Water Bonds for construction purposes, on petition of the Water Commissioners.

Article 18th. — To see if the Town will appropriate a sum of money for care of the Public Dump, on petition of Village Improvement Society.

Article 19th.—To act on the reports of Town Officers.

Article 20th.—To see if the Town will accept the list of names of Jurors prepared by the Selectmen.

Article 21st.—To fix the pay of the Firemen for ensuing year.

Article 22d.—To determine the method of collecting the taxes the ensuing year.

Article 23d.—To determine the disposition of unexpended appropriations.

Article 24th.—To hear the final report of the Committee on the Celebration of the 250th Anniversary of the Settlement of the Town, and appropriate a sum of money as recommended therein.

Article 25th.—To authorize the Treasurer to hire money for the use of the Town in anticipation of Taxes, upon the approval of the Selectmen.

Article 26th.—To determine the amount of money to be raised by taxation the ensuing year.

Article 27th.—To transact any other business that may legally come before the meeting.

Hereof fail not, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting.

Given under our hands at Andover, this twenty-third day of February, in the year one thousand eight hundred and ninety-eight.

ARTHUR BLISS,	} <i>Selectmen</i>
SAMUEL H. BOUTWELL,	
JOHN S. STARK,	
	<i>of</i>
	<i>Andover.</i>

Memorial Hall Library.

TWENTY-SIXTH ANNUAL REPORT OF THE BOARD OF TRUSTEES.

A distinct way-mark in the history of Memorial Hall Library is furnished by the acquisition of a printed catalogue in book form. In the last annual report of the Trustees, mention was made of the very generous gift of Mrs. George W. Coburn for this purpose. Thanks to a previous gift from Mrs Byers, the Library has, for two years, been in possession of a complete, *fully classified* card-catalogue.

How greatly the value and usefulness of the Library is increased by this catalogue has probably not been fully understood by the majority even of those who made its acquaintance. It takes time to become accustomed to the use of such a treasure, and it is only *continued* use that brings anything like a full appreciation of it. For a long series of years there had been no complete catalogue of our Library, even of the simplest kind. Our books were represented by scattered lists of yearly additions, for outside use, and by a simple card-catalogue of titles and authors, in continuation of the printed supplement of 1880, behind the Librarian's desk.

It would be much to have advanced from this state of things to the possession of a mere *finding* catalogue, of titles and authors, open to the inspection of all comers, and always brought down to date. But the card-catalogue given by Mrs. Byers is much more than this. It is distinctly a *guiding* as

well as a finding catalogue. It not only tells the person who knows what book he wants whether that particular book can be found in the Library; but to one who is interested in any particular subject, and desiring to know more about it, the classified catalogue points out the book needed. Under a great variety of headings all the books relating to special subjects are brought together and the inquirer is informed just what the Library is able to do for him.

But the card-catalogue, superior as it is to any other in certain respects, is not an *ideal* catalogue. It is indispensable, for it alone can be always perfect, always brought down to date. But, on the other hand, it is cumbersome, difficult of access, wearisome. There is but one copy of it, and that so far away from the reader that a budding desire for further information is apt to suffer blight before it is gratified.

A printed catalogue, in book form, while it is never *perfect*, has the advantage of giving us the great mass of desired information just when and where we want it. It does not contain the *new* books, but it is in one's own house, and easily consulted. Such a catalogue the people of the town will have within a short time; and, owing to the generous gift of Mrs. Coburn, a copy can be furnished to every family at a merely nominal price. We feel sure that every citizen of Andover will feel a little prouder, and value his citizenship a little higher when he sees the pretty volume that represents the treasures of the Library.

Another new departure of the last year has been the adoption of an improved system of arrangement and numbering. Provision was made for this in the preparation of the card-catalogue. Two sets of numbers appeared on every card, one corresponding to the books as they were under the old system, the other to the arrangement under the new system, *if* it should be adopted. The old method had worked well but, after inquiry made in various directions, the Trustees were convinced that the more modern system was better; and that, if it were ever to be adopted, it should be before

the catalogue was printed. At the same time a considerable extension of the space devoted to books was made, and also an increase of the shelving.

It will be the aim of the Trustees, as formerly, to keep the Library abreast of the times by gathering into it all the wholesome current literature that is not, by reason of its expensiveness, beyond their reach. More than four hundred books have been added since their last report. As regards art, and in some measure history, they hope to be better equipped than in the past by devoting a part of the Cornell fund to the purchase of finely illustrated works, that will not go into general circulation, but be kept for reference in the Cornell Memorial Room.

Respectfully submitted :

JOSEPH W. SMITH,
FRANCIS H. JOHNSON,
E. KENDALL JENKINS,
JOSEPH A. SMART,
GEORGE H. TORR,
GEO. W. FOSTER,
C. C. CARPENTER,

TRUSTEES.

ANDOVER, Feb. 1, 1898.

JOSEPH A. SMART, TREASURER OF MEMORIAL HALL
RECEIPTS.

Feb. 1, 1897.	To cash balance from last year,	\$ 983 63
" " "	Note paid up,	3103 03
" " "	Interest on same,	1182 48
" 2, "	Town Treasurer, dog tax for 1896,	571 16
" " "	Mrs. George W. Coburn, for new catalogue,	1500 00
Apr. 1, "	Interest on mortgage,	125 00
May 4, "	Town Treasurer, interest on town notes,	1400 00
Oct. 1, "	Interest on mortgage,	125 00
Jan. 1, 1898.	Ballard Holt, fines and rents,	42 96
" 17, "	Town Treasurer, dog tax for 1897,	586 09
" 20, "	Interest from Savings Banks,	374 86

\$9994 21

FUNDS		INVESTED AS FOLLOWS	
Permanent Fund,	\$20000 00	Town Note,	\$20000 00
John Byers Fund,	10000 00	Town Note,	5000 00
John Cornell Fund, (per.),	5000 00	Mortgage,	5000 00
John Cornell Fund,	5000 00	Savings Banks,	10400 00
Edward Taylor Fund,	300 00	Cash,	3628 71
W. C. T. U. Fund,	100 00		
Cash,	3628 71		
	<hr/> \$44028 71		<hr/> <hr/> \$44028 71

IN ACCOUNT WITH THE TOWN OF ANDOVER.

EXPENDITURES.

Ballard Holt, salary,	\$779 00
James O. Bradshaw, services,	70 00
Little, Brown & Co., books,	411 73
O. P. Chase, papers,	146 58
Gately and O'Gorman, books,	8 00
Harper Brothers, books,	83 23
C. J. Maynard, book,	1 50
Blanchard & Co., book,	1 50
Boston Book-binding Co., binding,	98 71
F. J. Barnard & Co., binding,	90 30
J. A. Smart, insurance,	221 25
Andover Electric Co, work,	24 07
Andover Electric Co., light,	119 82
Hardy & Cole, work,	250 69
George E. Pike, work,	30 00
D. Donovan & Son,	40 66
Ballard Holt, sundries,	35 47
F. E. Gleason, coal,	150 00
George A. Higgins & Co., supplies,	6 85
Andover Press, supplies,	89 50
F. E. Way, carrier	22 00
Bond and Wiggin, work on new catalogue,	500 00
D. Carney, work,	12 00
H. P. Noyes, work,	12 42
Library Bureau, supplies,	6 08
E. C. Pike, work,	3 46
Jordan, Marsh & Co., flag,	10 50
George Saunders, work,	2 31
Sprinkling street, tax, Town of Andover,	8 50
Tuttle's Express,	7 35
Postage and Stationery,	2 75
	<hr/>
Deposited in Savings Banks,	\$3246 23
	3119 27
	<hr/>
	6365 50
Cash on hand to balance,	3628 71
	<hr/>
	\$9994 21
	<hr/>

ANDOVER, MASS., JAN. 27, 1898.

This certifies that we have examined the above account and find the same correctly cast and properly vouched.

E. KENDALL JENKINS,
GEORGE H. TORR.

REPORT OF LIBRARIAN.

To the Trustees of the Memorial Hall Library :

GENTLEMEN : — I herewith respectfully submit my twenty-fifth annual report as Librarian :

Number of volumes added by purchase,	418
Number of volumes presented,	96
Volumes of periodicals bound,	81
Total number of volumes in the Library,	14,491
Number pamphlets presented	144
Total number of pamphlets in the Library,	7,109
Number of days the Library was open,	238
Number of volumes delivered :	
General delivery,	15,593
Abbott District,	82
Bailey District,	417
North District,	89
Osgood District,	276
	<hr/>
	16,457
Largest daily issue,	211
Largest weekly issue,	623
Average daily issue,	69
Per-centage of fiction and juvenile circulated,	79
Notices sent to delinquent borrowers,	800
New names registered,	163
Total number of names registered,	6335
Number of volumes covered anew,	921
Number of volumes rebound,	218
Average daily attendance in Reading-room,	51
Amount of fines collected,	\$39.44
Amount received for use of books,	2.52
Received for book mutilated,	1.00

List of Donors.

	Vols.	Pamps.	Pap's.
Abbot Courant,		2	
Abbott, Miss Charlotte S.	1		
Andover, Town of.	2		
Bancroft, Rev. C. F. P.		3	
Brewster, John L.		1	
Briggs, N. A., Shaker Village, N. H.		12	
Cambridge Public Library.		1	
Carpenter, Rev. C. C.		1	
Carter, Mrs. Sarah N.	2		
Cole, John N.		4	
Enoch Pratt Free Library, Baltimore, Md.		1	
Forbes Library, Northampton, Mass.		1	
Foster, Mrs. C. H.			106
Griswold, Dr. J. E., Portland, Conn.	1		
Gulliver, J. Francis,	1		
Heard, Mrs. John, Boston, Mass.	2		
Indian Rights Association.		2	
Jenkins, E. K.		1	
Knox, Hon. W. S., Lawrence, Mass.	14		
Lincoln, Rev. Varnum.	1		
Lawrence Public Library,		4	
McCollum, William.	1		
McCormick, Cyrus H., Chicago, Ill.	1		
Malden Public Library.		1	
Massachusetts, Commonwealth of.	28	3	
Massachusetts Institute of Technology,		1	
Palmer, Rev. Frederic.		20	
Salem Public Library.		1	
Stevens, Hon. Moses T., North Andover, Mass.	7	3	
Steward, J. F., Chicago, Ill.	1		
Stokes, Anson P., New York City.	1		
Travelers' Insurance Co.			12
University of Pennsylvania.		1	
United States.	14	80	
Whitney, Charles C., Marshall, Minn.			52
Winthrop Public Library.		1	
	78	144	170

Other Donations.

Means, Miss E. A. A pane of glass from the Means house, formerly the Old South Parsonage, with the name of Phillips on it.

Woodbridge, Mrs. Anne. Two century plants.

During the year two numbers each of Harper's Round Table and Illustrated American, one each of Birds, Boston Post, Boston Transcript, Cosmopolitan, English Illustrated Magazine, Harper's Weekly, McClure's Magazine, Nation and Scientific American have been taken from the Reading-room.

In making the new Catalogue 333 volumes were withdrawn. Many of the volumes were imperfect, and some in a dilapidated state requiring new copies. 663 pamphlets were exchanged with the Boston Book Co., to complete the Atlantic Monthly, Forum, Harper's Monthly and Review of Reviews.

BALLARD HOLT,

LIBRARIAN.

ANDOVER, Jan. 6, 1898.

MEMORIAL HALL LIBRARY

LIST OF ACCESSIONS

Bulletin No. 17, 1897

LIST OF ACCESSIONS, 1897.

A.

ABBOTT, C. C.	The freedom of the fields.	917.44.A 131
ALGER, A. L.	In Indian tents.	A 394.i
AMICIS, Edmond de.	On blue water.	910.4.A 516
ASPINWALL, Alicia.	The echo-maid and other stories.	A 481.e

B.

BANGS, J. K.	Paste jewels: being seven tales of domestic war.	B 225.p
BARNES James.	Yankee ships and yankee sailors: tales of 1812.	B 265.y
BARR, Mrs. A. E.	The King's highway.	B 271.k
BARTON, W. C.	A hero in homespun: a tale of the loyal south.	B 288 h
BATES, Arlo.	Talks on the study of literature.	807.B 31 t
BAZIN, René.	The Italians of to-day.	920.4.B 34
BECKE, Louis.	Pacific tales.	B 383.p
BELGER, Mrs. F. C. B.	Miss Nina Barrow.	B 412.m
BESANT, Walter.	A fountain sealed: a novel.	B 466.fo
BICKFORD, L. A., and Powell, R. S.	Phyllis in Bohemia.	B 472.p
BIGELOW, Poultney.	White man's Africa.	916.8.B 48
BIRDS: a monthly serial.	Vol. 1. 1897.	O 51.B 53
BLACK, Alexander.	A capital courtship.	B 561.c
BLACKMORE, R. D.	Dariel: a romance of Surrey.	B 566.d
BLANCHAN, Neltje.	Bird neighbors.	598.2.B 59
BROWNE, T. A.	My run home. By Rolf Bolderwood.	B 817.my
BOWDEN, Edward.	A history of French literature.	840.D 75
BURDETTE, R. J.	Chimes from a jester's bells.	B 895.c

C.

CARTER, Mrs. S. N.	For pity's sake: a story for the times; being reminiscences of a guest at a country inn.	C 242.f
CATHERWOOD, Mrs. M. H.	Days of Jeanne d' Arc.	C 285.d
CASTLE, H. A.	The army mule, and other war sketches.	817.46 C 26
CENTURY.	Vol. 54. Formerly Scribner's monthly.	O 51.C 33
CHAMBERS, R. W.	Lorraine: a romance.	C 353.l
	The mystery of choice.	C 353.m
CHURCH, W. C.	Ulysses S. Grant, and the period of national preservation and reconstruction.	92.G 766 C
CLARETIE, Jules.	Brichanteau, actor.	C 540.b
CLARK, Imogen.	Will Shakespeare's little lad.	C 545.w

CLARKE, J. F. Nineteenth century questions.	920.01.C 55
CONTEMPORARY Review. Vol. 43-44.	O52.C 76
CORBIN, John. School-boy life in England : an American view.	373.4 C 81
COSMOPOLITAN. Vol. 23.	O 51.C 82
COULEVAIN, Pierre de. American nobility,	C 832.a
CRAWFORD, F. M. Corleone : a tale of Sicily. 2v. . .	C 856.co
A rose of yesterday.	C 856.rs
CROCKETT, S. R. Lochinvar : a novel.	C 875.lo
CURTIS, G. W. Ars recti vivendi : being essays con- tributed to the easy chair.	814.C 94 a

D.

DICKENS, Charles. Old lamps for new ones, and other sketches and essays.	D 554.od
DOUGLAS, A. M. The children of Sherbourne house. . .	D 747.c
DOYLE, A. C. Uncle Bernac : a memory of the empire. .	D 775.u

E.

ELIOT, C. W. American contributions to civilization, and other essays and addresses.	814.E 42
EMERSON, E. W. A correspondence between John Ster- ling and Ralph Waldo Emerson : with a sketch of Sterling's life.	826.S 83 E

F.

FARRAR, F. W. Men I have known.	920.F 24
FIELDS, Mrs. Annie, <i>editor</i> . Life and letters of Harriet Beecher Stowe.	92.S 892 F
FISKE, John. Old Virginia and her neighbors. 2v. . .	973.25.F 54
FLETCHER, J. S. In the days of Drake.	F 633.i
FLETCHER, W. I, and Bowker, R. R., <i>editors</i> . The annual literary index, 1896.	O 50.P 781
FORD, P. L. The story of an untold love.	F 756 s
FORUM. Vol. 1-6, 23.	O 51.F 77
FOX, John, Jr. The Kentuckians : a novel.	F 834.k
FULLER, Hulbert. Vivian of Virginia : being the memoirs of our first rebellion, by John Vivian, esq., of middle plantation.	F 955.v

G.

GARRETT, E. H. Romance and reality of the Puritan coast : with many little picturings, authentic and fanciful.	917.445.G 19
--	--------------

GIBSON, W. H.	Eye spy: afield with nature among flowers and animate things.	590.G 35 e
	My studio neighbors.	590.4 G 35
GILDER, J. L.	Taken by siege: a novel.	G 382 t
GODKIN, G. S.	Stories from Italy.	G 545.s
GOODWIN, M. W.	Flint,—his friendships and his fortunes.	G 635.f
	Historic New York: being the first series of the half-moon papers.	974.71.G 63
GREENE, Mrs. S. P. M.	Stuart and Bamboo: a novel.	G 838.s
GRIFFIN, W. E.	The romance of discovery.	973.1.G 87
GRIFFITHS, Arthur.	Wellington, his comrades and contemporaries.	92.W 465 G
GUERBER, H. A.	Stories of famous operas.	782.G 93

H.

HAMERTON, P. G.	The quest of happiness.	174.4.H 176
HAMILTON, Ernest.	The outlaws of the marches.	H 183.o
HAMLIN, M. S.	Nan in the city; or Nan's winter with the girls.	H 187.na
HARRIS, George.	Inequality and progress.	320.4.H 24
HARRIS, J. G.	Aaron in the wilderness.	398.4.H 24 a
HARRISON, Benjamin.	This country of ours.	350.H 24
HECTOR, Mrs. A. F. (Mrs. Alexander).	Barbara: lady's maid and peeress.	H 357.b
HENTY, G. A.	A march on London.	H 395.m
	With Frederick the Great: a story of the seven years war.	H 395.wht
	With Moore at Corunna.	H 395.wt
HICHENS, R. S.	Bye-ways.	H 527.b
HILL, C. T.	Fighting a fire.	352.3.H 55 f
HOLMES, M. J.	Paul Ralston.	H 735.p
HOWARD, B. W.	Seven on the highway.	H 832.s
HOWELLS, W. D.	An open-eyed conspiracy: an idyl of Saratoga.	H 838 o
HUBBARD, Elbert, <i>editor</i> .	Little journeys to the homes of famous women.	917.3.H 86 l

I.

ILLUSTRATED American.	Vol. 21.	O 51.I 29
INGERSOLL, Ernest.	Wild neighbors: out-door studies in the United States.	599.I 47
INMAN, Henry.	The old Sante Fé trail: story of the great highway.	917.I 57

J.

JOHNSTON, R. M. Old times in middle Georgia. . . . J 655.ol

K.

KALER, J. A. (James Otis.) At the seige of Quebec. . . . K 125.a
 The boys of Fort Schuyler. K 125.b
 The signal boys of '75, a tale of Boston during the
 siege. K 125.si
 KENNEDY, W. S. In Portia's gardens. 910.8.K 38
 KENYON, F. G. Letters of Elizabeth Barrett Browning. 2v. 92.B 822
 KING, Charles. The general's double. K 582.g
 KIPLING, Rudyard. Captains courageous: a story of the
 grand banks. K 625.ca
 KIRK, E. W. O. The revolt of a daughter. K 633.r
 KNOWLES, F. W., *editor*. The golden treasury of American
 songs and lyrics. 821.08.K 76

L.

LANCIANI, Rodolfo. The ruins and excavations of ancient
 Rome: a companion book for students and
 travelers. 913.37.L 22 r
 LANG, Andrew, *editor*. The blue poetry book. . . . 821.L 25 bl
 The pink fairy book. 398.4.L 25 p
 LATIMER, Mrs. E. W. Spain in the nineteenth century. 946.L 34
 LINCOLN, Mrs. J. G. An unwilling maid: being the
 history of certain episodes during the
 American revolution in the early life of
 Mistress Betty Yorke, born Wolcott. L 636.u
 LITTELL's living age. Vol. 213-14. O 51.L 71
 LODGE, H. C. Certain accepted heroes, and other essays
 in literature and politics. 814.44.L 82
 LONGARD, Mrs. D. G. Miss Providence: a novel. . . L 856.m
 LUMMIS, C. F. The king of the bronchos, and other
 stories of New Mexico. L 974.k
 LUSH, C. K. The federal judge. L 975.f

M.

McCLURE's Magazine. Vol. 9. O 51.M 13
 MACDONALD, George. Salted with fire: a story of a
 minister. M 143.sa
 MAHAN, A. T. The life of Nelson, the embodiment of the
 sea power of Great Britain. 2v. 92.N 336

- MANSFIELD, Richard. Blown away: a nonsensical narrative without rhyme or reason. . . . M 315.b
- MARDEN, O. S. Success: a book of ideals, helps and examples for all desiring to make the most of life. . . . 174.M 33 s

MASSACHUSETTS: *Census*.

- Census, 1895. Vol. 2. 317.44.M 38 c

General Court.

Acts and laws of the commonwealth of Massachusetts,

- 1789-1801. 2v. 345.12.M 38 a
- Journal of the house of representatives, 1897. . . . 328.74.M 38 h
- Journal of the senate, 1897. 328.74.M 38 j
- Public documents: being the annual reports of various public officers and institutions, 1897. 12v. 378.74.M 38 p

Secretary of the Commonwealth.

Massachusetts soldiers and sailors of the revolutionary war. Vol. 3. 973.74.M 38

- MATTHEWS, Brander. Outlines of local color. . . . M 434.o
- MERRIMAN, H. S. In Kedar's tents. M 556.i
- MITCHELL, D. G. English lands, letters and kings. Vol. 4. 820.M 69
- MITCHELL, J. A. Gloria victis. M 695.g
- MITCHELL, S. W. Hugh Wynne, free trader: sometimes brevet lieutenant-colonel on the staff of his excellency General Washington. 2v. . . . M 696.h
- MITFORD, Bertram. The king's atsegai: a Matabile story. M 697.k
- MURFREE, M. N. The juggler. M 946.j
- The young mountaineers: short stories. . . . M 946.y

N.

- NATION. Vol. 64. O 71.N 21
- NEWELL, W. W. King Arthur and the table round. 2v. 398.2.N 44
- NEW England magazine. Vol. 6. O 51.N 42
- New series. 16v. O 51.N 42
- NORDAU, Max. Drones must die. N 758.d

O.

- OBER, F. A. Under the Cuban flag: or the Cacique's treasure. O 123.u

P.

- PAGE, T. N. Social life in old Virginia before the war. P 144.s
- PALGRAVE, F. T. The golden treasury, selected from the songs and lyrical poems in the English language. Vol. 2. 821.08.P 17

PALMER, G. H.	Self-cultivation in English.	807.P 18
PATCH, K. W.	Middleway : tales of a New England village.	P 272.m
PEERY, R. B.	The gist of Japan: the islands, their people and missions.	915.2 P 34
PEMBERTON, Max.	Queen of the jesters, and her strange adventures in old Paris.	P 367.q
PERKINS, J. B.	France under Louis xv. 2v.	944.03.P 41
PETERS, J. P.	Nippur: or explorations and adventures on the Euphrates. Vol. 2.	910.98.P 44
PICKARD, S. T.	Hawthorne's first diary: with an account of its discovery and loss.	92.H.317 P
PIERSON, C. D.	Among the meadow people.	P 615.a
POTTER, H. C.	The scholar and the state, and other orations and addresses.	815.P 85
POWERS, L. P.	The missions of California: their estab- lishment, progress and decay.	279.4.P 87

R.

REPPLIER, Agnes.	Varia.	R 295.v
RENAN, Ernest.	Antichrist: including the period from the arrival of Paul in Rome to the era of the Jewish revolution.	270.1.R 29
REVIEW of reviews.	Vol. 1-5.	O 51.R 32
RICHARDS, Mrs. L. E.	Hildegarde's harvest.	R 393.hi
	Three Margarets.	R 393.th
RICHARDSON, J. D.	A compilation of the messages and papers of the presidents, 1789-1897. Vol. 5.	353.03.R 39
RIVERS, G. R. R.	Captain Shays: a populist of 1786.	R 521.c
RODNEY, G. B.	In buff and blue: being certain portions from the diary of Richard Hilton, gentleman of Haslet's regiment, Delaware foot.	R 614.i
ROLLINS, C. S.	Threads of life.	R 655.t
ROOSEVELT, Theodore.	American ideals, and other essays social and political.	300.4.R 67
RUSSELL, W. C.	Pictures from the life of Nelson.	92.N 336 R u
	The two captains.	R 918.t
	The wreck of the Corsaire.	R 918.wr

S.

SCIENTIFIC American.	Vol. 76.	605.S 416
SEAWELL, M. E.	Twelve naval captains: being a record of certain Americans who made themselves immortal.	S 442.tw
SHELTON, W. H.	The last three soldiers.	S 545.l

- SICHEL, Edith. The household of the Lafayettes. 920.l 134 s
 SMITH, F. H. Gondola days. 945.3.S 647
 SMITH, Gertrude. Ten little comedies: tales of the
 troubles of ten little girls whose tears were
 turned into smiles. S 648 t
 STEEL, F. A. In the permanent way. S 812.in
 STEPHENS, R. N. An enemy to the king: from the
 recently discovered memoirs of the Sieur de
 la Tournoire. S 835.e
 STEVENSON, R. L. St. Ives: being the adventures of a
 French prisoner in England. S 848.st
 STIMSON, F. Y. Mrs. Knollys, and other stories. S 858.m

T.

- TAINÉ, H. A. Journeys through France: being impres-
 sions of the provinces. 914.47.T 13 j
 TENNYSON, Alfred. 1st baron. A memoir: by his son.
 2v. 92.T 257 T
 TERHUNE. Mrs. M. V. (Marion Harland). An old-field
 school-girl. T 274.an
 TICKNOR, Caroline. Miss Belladonna: a child of to-day. T 434.m
 TOWNSEND, E. W. Near a whole city full. T 633.n
 TWEEDIE, Mrs. Alec. Through Finland in carts. 914.71.T 91

U.

- UNITED States. *Census Office.*
 Compendium of the 11th census. 1890. 317.3.U 58
 Bureau of education report. 1895-96. 2v. 379.73.U 58

War Department.

- The war of the rebellion. Series 1. Vol. 51. Part 1. 973.7.U 58 W

V.

- VAN Dyke, Henry. The first Christmas tree. V 282.f

W.

- WARD, Mrs. E. S. P. The story of Christ: an interpretation. 232.9.W 21
 WATSON, John (Maclaren). The potter's wheel. W 387.p
 WESSELHOEFT, Mrs. L. F. P. Torpeanuts the tomboy:
 a story for children. W 517.t
 WHITE, E. O. A browning courtship, and other stories. W 585.b
 WHITE, H. A. Robert E. Lee and the southern confed-
 eracy. 1807-1870. 92.L 516 W
 WILKINS, M. E. Jerome, a poor man: a novel. W 653 je
 WINDLE, B. C. A. Life in early Britain: being an
 account of the early inhabitants of this
 island and the memorials which they have
 left behind them. 942.W 72

Y.

- YOUNG. A. H., *compiler.* Author's readings: compiled
 and illustrated throughout with pen and ink
 drawings. 811.08.Y 9

TOWN OF ANDOVER

NINTH

ANNUAL REPORT

OF THE

WATER COMMISSIONERS

FOR THE FINANCIAL YEAR ENDING

JANUARY 11, 1898

ANDOVER, MASS.
THE ANDOVER PRESS
1898

REPORT.

To the Citizens of Andover :

Your Board of Water Commissioners herewith submit their ninth annual report for the year ending January 11th, 1898.

The year closed with a fair increase in water takers, but less water has been required than last year owing no doubt to the very wet season.

No very heavy expenditures in any department have been called for. Street lines have not been extended to any great extent, and the lines have required less repairs than usual. No frozen pipe and few leaks is the record, which may in part be credited to the better facilities for steady pumping. The receipts from water rates were \$8011.87, and from pipe account, \$4317.21 ; the net cost of maintenance was \$4336.53.

The general introduction of meters when more than one faucet is used has very materially reduced the income from water rates, yet it is the only fair way to properly fix the rates to this class of consumers. With a correct understanding of this system where all pay for just what is used whether it be more or less than formerly, it is hard to understand why any should be dissatisfied. There may be isolated cases, not over two or three in town, where the bills were higher than under the old rates, and these no doubt could be traced to leaking fixtures or a waste in some other way.

The financial condition of your system was never better. The total outstanding bills due for water rates January 1st, 1898, were \$142.70, and for service pipe and other small matters excluding meters, not over \$300.

The money available for construction purposes is very nearly exhausted. The Town has authority to issue five thousand dollars worth additional bonds, and we would recommend that this issue be authorized at the next annual meeting for the purpose of extending street lines where they may be needed and can comply with all the requirements, and for any construction purposes which may be necessary from year to year for the benefit of the system. The amount required annually will be very small, and the amount received from this issue will be sufficient for several years.

We ask for an appropriation of \$4200 for maintenance and \$675 for the different sinking funds.

Very respectfully,

JOHN H. FLINT,	}	<i>Water</i>
J. P. BUTTERFIELD,		
FELIX G. HAYNES,		
		<i>Commissioners.</i>

SINKING FUND.

The Sinking Fund Commissioners present the following report :

ISSUE OF 1890.

To redeem bonds Nos. 151 to 160 inclusive.

To balance Jan. 12, 1897,	\$2398 61
Received from Town of Andover,	150 00
Received from interest from Andover Savings Bank,	44 24
Received from interest from Essex Savings Bank,	33 14
Received from interest from City Institution for Savings, of Lowell,	11 03
	<hr/> \$2637 02

Invested as follows :

Deposited in Andover Savings Bank,	\$1139 95
Deposited in Essex Savings Bank,	853 75
Deposited in Lowell Institution for Savings,	643 32
	<hr/> \$2637 02

ISSUE OF 1892.

To redeem bonds Nos. 161 to 170 inclusive.

To balance Jan. 12, 1897,	\$1042 29
Received from Town of Andover,	150 00
Received from interest from Broadway Savings Bank,	42 10
Received from interest Lowell Five Cent. Savings Bank,	4 52
	<hr/> \$1238 91

Invested as follows :

Deposited in Broadway Savings Bank,	\$1084 39
Invested in Lowell Five Cent Savings Bank,	154 52
	<hr/> \$1238 91

ISSUE OF 1893.

To redeem bonds Nos. 171 to 180 inclusive.

To balance Jan. 12, 1897,	\$711 52
Received from Town of Andover,	150 00
Received from interest from Andover Savings Bank,	24 34
Received from interest from Central Savings Bank,	8 90
	<hr/>
	\$894 76

Invested as follows :

Deposited in Andover Savings Bank,	\$665 20
Deposited in Central Savings Bank,	229 56
	<hr/>
	\$894 76

ISSUE OF 1895.

To redeem bonds Nos. 181 to 195 inclusive.

To balance Jan. 12, 1897,	\$693 08
Received from Town of Andover,	225 00
Received from interest from Haverhill Savings Bank,	32 48
	<hr/>
	\$950 56

Invested as follows :

Deposited in Haverhill Savings Bank,	\$950 56
--------------------------------------	----------

JOHN H. FLINT,	} <i>Sinking Fund</i>
J. P. BUTTERFIELD,	
FELIX G. HAYNES,	

Commissioners.

FINANCIAL STATEMENT.

RECEIPTS.

Water rates,	\$8011 87
Various parties, service pipe and meters,	2929 29
Smith & Dove Manufacturing Co., laying pipes and fixtures,	564 82
Deane Steam Pump Co.,	318 73
Mrs. G. W. W. Dove, laying pipe and fittings,	191 69
M. T. Stevens & Sons, laying pipe and fittings,	186 24
Peter D. Smith, laying pipe and fittings,	62 80
Hardy & Cole, laying pipe and fittings,	19 20
S. Peterson, wagon,	10 00
Turning on and off water,	9 00
P. J. Hannon, dynamite,	7 20
E. C. Pike, pipe and fittings,	6 76
Repairing meters,	4 25
J. J. Pearson, estate of, hay at reservoir,	4 00
E. K. Jenkins, blowing stump,	2 00
Piece pipe,	85
Rubber boots, old,	38

\$12329 08

Paid Town Treasurer,

Water rates,	\$8011 87
Pipe account,	4317 21

\$12329 08

MAINTENANCE.

John E. Smith, superintendent,	\$1029 80
George W. Spickler, engineer,	720 00
Bangs & Horton, coal,	498 98
George E. Hussey, clerk and assistant,	385 27
Geo. Guthrie, labor,	233 02
William J. Butterfield, labor	227 15
S. Peterson, labor,	206 25
Wm. H. Higgins, board of horse,	160 75
B. & M. R.R., freight,	149 15
E. W. Bigelow, oil,	93 84
Joseph Bordelais, teaming,	77 92
John S. Dearborn, painting,	69 94
Tuttle & Morrison, wagon,	69 40
William Fairley, labor,	66 86
Andrew Hurley, labor,	60 07
Nightingale & Childs, pipe covering,	38 14
Hardy & Cole, lumber,	37 74
H. McLawlin, hardware,	33 17
Anderson & Bowman, horse-shoeing, etc.,	32 15
W. A. Wood & Co., oil,	32 50
Treat Hardware and Supply Co., waste and supplies,	36 64
Clarence Goldsmith, labor,	36 38
A. W. Chesterton & Co., oil,	34 13
J. Albert Walker & Co., coal,	24 83
John O'Brien, labor,	22 42
Perrin, Seamans & Co., suction hose,	22 30
William G. Goldsmith, box rent and postage,	21 50
F. G. Haynes & Co., rubber boots and supplies,	20 80
Andover Press, printing and stationery,	18 20
F. Thaxter & Co., field glasses,	18 00
Thos. Leslie, labor,	17 50
W. F. Rutter & Co., pipe fittings,	16 34
Garlock Packing Co., packing,	12 72

Amount carried forward,

\$4523 86

<i>Amount brought forward,</i>	\$4523 86
John Schofield, labor,	10 70
Smith & Manning, oil, etc.,	9 52
Arthur Bliss, box rent and postage,	9 50
Knowlton Packing Co., packing,	9 22
National Meter Co., parts of meters,	8 85
Frank E. Gleason, wood,	7 25
J. E. Remick, weather strips,	5 50
E. C. Pike, pipe and fittings,	5 30
Patrick McMullen, labor,	5 25
Thompson Meter Co., parts of meters,	5 88
Hersey Meter Co., parts of meters,	4 80
George Shute, labor,	4 50
Dennis Commean, labor,	4 71
The Fairbanks Co., Pratt & Cady valve,	4 00
Dennis Riley, labor,	3 87
Frank L. Trefethen, packing,	3 82
George A. Mayer, repairs on harness,	3 40
D. J. F. Huddleston, repairs on thermometer,	3 25
M. Margos, labor,	3 69
M. Manook, labor,	3 69
S. Apkarion, labor,	3 69
D. Jacob, labor,	3 69
K. Polian, labor,	3 69
G. Dammurean, labor,	3 69
N. Jarion, labor,	3 69
Neptune Meter Co., parts of meters,	3 00
John B. Shaw, labor,	3 00
Fire and Water, subscription,	3 00
American Express Co.,	3 00
Thomas Smith, labor,	2 40
Daniel Donovan, labor,	1 60
Omar P. Chase,	1 50
Charles L. Bailey, horse hire,	1 50
<i>Amount carried forward,</i>	\$4678 01

<i>Amount brought forward,</i>	\$4678 01
Fred Byron, brass casting,	1 20
B. B. Tuttle, teaming,	1 10
George Saunders, fittings,	90
A. B. Shaw, labor,	75
Tyer Rubber Co., rubber tubing,	65
Walworth M'f'g Co., cutter wheel,	13
A. Beauregard, wheelwright work,	15
	<hr/>
	\$4682 89
	<hr/>

CREDIT, MAINTENANCE.

Deane Steam Pump Co., examination of pump,	\$318 73
S. Peterson, wagon,	10 00
Turning on and off water,	9 00
Repairing meters,	4 25
Estate J. J. Pearson, grass on reservoir lot,	4 00
Rubber boots, old,	38
	<hr/>
	\$346 36
	<hr/>

SERVICE PIPE.

Neptune Meter Co., meters,	\$810 00
National Meter Co., meters,	619 00
Lead Lined Iron Pipe Co., pipe,	501 92
Thomson Meter Co., meters,	278 90
Hersey Meter Co., meters,	277 00
George Guthrie, labor,	256 80
John E. Smith, superintendent,	171 25
George E. Hussey, clerk and assistant,	170 66
Summer & Goodwin, stop cocks,	192 57
Andrew Hurley, labor,	167 92
William Fairley, labor,	150 21
Wm. H. Higgins, board of horse,	94 00
Hardy & Cole, meter boxes,	72 14
	<hr/>
<i>Amount carried forward,</i>	\$3762 37

<i>Amount brought forward,</i>	\$3762 37
John O'Brien, labor,	61 93
E. L. Abbott, meters,	50 10
E. C. Pike, pipe and fittings,	22 70
E. M. Dart & Co. stop cocks,	18 20
Thomas Leslie, labor,	15 75
B. & M. R. R. Co., freight,	14 49
H. R. Worthington, meters,	13 80
Wm. J. Butterfield, labor,	13 50
Anderson & Bowman, blacksmith work,	13 05
Harrington Valve Manufacturing Co., valves,	12 00
Standard Meter Co., motor,	12 00
Geo. H. Sampson, dynamite,	8 78
William Oswald, lathes and tools,	6 30
George E. Woodman & Co., stop cocks,	6 00
George Saunders, pipe and fittings,	5 65
Tuttle's Express, expressing,	5 15
Dennis Riley, labor,	4 13
Boston Lead Manufacturing Co., lead,	3 57
American Express Co., expressing,	3 20
E. E. Burnham & Co., belting,	2 94
Smith & Manning, supplies,	1 99
F. G. Haynes & Co., oil and supplies,	1 15
Walworth Manufacturing Co., die	60
H. McLawlin, hardware,	49
	<hr/>
	\$4059 84
	<hr/>

CREDIT, SERVICE PIPE.

Various parties, service pipe and meters,	\$2929 29
P. J. Hannon, dynamite,	7 20
E. C. Pike, pipe and fittings,	6 76
	<hr/>
	\$2943 25
	<hr/>

PIPE DISTRIBUTION.

Wm. Fairley, labor,	\$82 52
Andrew Hurley, labor,	80 39
George Guthrie, labor,	65 84
Ludlow Valve M'f'g Co.,	61 29
Builders Iron Foundry, castings,	63 74
George E. Hussey,	39 33
John E. Smith, superintendent,	36 65
Boston Lead M'f'g Co., lead,	32 55
Walworth M'f'g Co., lead,	20 75
Davis & Farnham, castings,	16 53
Wm. H. Higgins, board of horse,	15 00
John O'Brien, labor,	12 87
Smith & Dove M'f'g Co., yarn,	8 90
City of Lawrence, castings,	8 75
B. & M. R.R., freight,	8 24
George W. Chandler, teaming,	7 00
Wm. J. Butterfield, labor,	3 00
John Schofield, labor,	3 69
Anderson & Bowman, blacksmith work,	2 00
Lawrence Gas Co., coke,	2 00
Thomas Leslie, labor,	58

\$571 62

CREDIT, PIPE DISTRIBUTION.

Smith & Dove M'f'g Co., laying pipe,	\$564 82
Mrs. G. W. W. Dove, laying pipe,	191 69
M. T. Stevens & Sons, laying pipe,	186 24
P. D. Smith, laying pipe,	62 80
Hardy & Cole, laying pipe,	19 20
E. K. Jenkins, blowing stump,	2 00
Piece pipe,	85

\$1027 60

TELEPHONE.

W. H. Coleman, telephones, etc.,	\$60 70
John E. Smith, superintendent,	7 70
W. J. Butterfield, labor,	3 00
William H. Higgins, team,	1 50
H. McLawlin, wire,	1 73
	<hr/>
	\$74 63
	<hr/> <hr/>

BUILDINGS AT PUMPING STATION.

George Saunders, chimney cap,	\$10 50
	<hr/>
	\$10 50
	<hr/> <hr/>

TOOLS.

Wm. Oswald, lathe,	\$125 00
Davis & Furber, crane,	71 84
Perrin, Seamans & Co., differential hoist,	38 85
E. C. Pike, hardware,	22 66
Frank J. Scott, lathe chuck,	16 10
John E. Smith, superintendent,	15 00
H. McLawlin, tools,	10 97
George Guthrie, labor,	13 07
Treat Hardware & Supply Co., tools,	12 71
J. F. Huddleston, thermometer,	10 00
George Saunders, gasolene torch,	4 00
A. Grenier, drill chuck,	2 00
Anderson & Bowman, blacksmith work,	1 75
B. & M. R. R., freight,	50
Blois Express, expressing,	10
	<hr/>
	\$344 55
	<hr/> <hr/>

SUMMARY OF APPROVED BILLS.

Maintenance,	\$4682 89
Service Pipe,	4059 84
Pipe Distribution,	571 62
Tools,	344 55
Buildings at Pumping Station,	10 50
Telephone,	74 63
	<hr/>
	\$9744 03
	<hr/>

COST OF CONSTRUCTION.

Office fixtures,	\$ 492 53
Reservoir,	11074 59
Buildings at Pumping Station,	9433 69
Coal shed,	806 97
Pipe distribution,	124747 36
Service pipe,	11485 20
Construction expenses,	6697 77
Suction pipe,	1309 46
Pumping plant,	26697 37
Grading land,	1739 12
Tools,	1373 84
Teams,	474 90
Work shop,	1259 62
Water and land damage,	3696 80
Telephone,	74 63
	<hr/>
	\$201363 85
	<hr/>

SUPERINTENDENT'S REPORT.

I herewith submit my report for the year ending January 11th, 1898 :

During the year there has been laid 248 feet of ten and 259 feet of six inch pipe and one ten inch valve, one ten inch check valve, and one hydrant have been set, viz. :

248 feet of ten inch, one ten inch check valve, one ten inch valve and one hydrant at Smith & Dove Manufacturing Co.'s private fire pipe.

72 feet of six inch pipe on East Chestnut Street, to George Holt's.

177 feet of six inch pipe on Lincoln Street to Mrs. Ellen Kydd's.

Total length of main pipe in service, about 24 miles.

Total number of hydrants on public streets, 184.

There is practically no pipe on hand for extensions.

SERVICE PIPE.

During 1897, 36 applications for services were received, making the total number of applications to date 816. There were 37 pipes laid, making the number in use 787. Some trouble has occurred on pipes where the service is low from the filling of the brass connections at the ends of the cement lined pipe. This will probably prove a growing trouble and become a source of expense.

The general introduction of meters during the year caused a considerable increase in the expenditures for the account, which has been partially offset by the consumers in majority of cases paying for the meters and setting.

SCHEDULE OF SERVICE PIPE.

Laid during 1897.	Kind,	Cement Lined.	Lead Lined.	Tarred.	Lead.	Cast-Iron.	Total.
	Sizes,	$\frac{3}{4}$, 1, & $1\frac{1}{2}$ In.	$\frac{3}{4}$, 1, $1\frac{1}{4}$ & 2 In.	2 & $2\frac{1}{2}$ Inches.	$\frac{5}{8}$ & 1 Inch.	4 Inch.	
	No. of Services, Owned by Town, Owned by Individ		36 759.6 1083.2	1 43.6 339.5		700	37 803.2 1422 7
	Total for 1896,		1842.8	383.1			2225.9
Previously Reported,	No. of Services, Length in feet,	642 47582.3	97 6800.6	4 249 9	6 817.0	3 738.2	752 55910.0
Total Jan. 12, 1898,	No. of Services, Length in feet,	642 47582.3	133 8643.4	5 643.0	6 817.0	3 738.2	789 58135.0

TOOLS.

There has been purchased a five foot, fourteen inch swing, screw cutting engine lathe, which, with the necessary shafting, belting, etc., has been placed in the shop and is driven by a water moter which was constructed by employees of the works. This proves a valuable adjunct as it enables us to make quick repairs in case of necessity. There has also been placed in position at the pumping station over the Deane pump, a swinging crane with a differential hoist capable of handling three tons.

TELEPHONE.

In connection with the fire alarm system, which was installed by the Engineers of the Fire Department, a private telephone line has been established with instruments at the pumping station office and the Superintendent's house. By agreement with the Engineers the wires were put up by them and the Water Department bought and installed the instruments. This line will prove very valuable in case of fire as it places the Pumping Engineer in direct communication with the Superintendent at any time, and, if necessary, additional pressure can be put on the mains in a very few minutes. The telephone is also a very great convenience in the ordinary routine work.

MONTHLY RECORD OF PUMPING SERVICE, 1897

Month.	Days.	Time.		Lift, including friction.	LBS. COAL USED.			Gallons pumped.	DUTY		Average daily consumption.
					Pumping.	Banking Starting, Etc.	Total.		By coal used pumping.	By total coal used.	
		H	M	ft.							gallons.
January	21	119	35	330	21,400	7,900	29,300	8,309,365	106,778,756	77,988,921	268,045
February	20	111	00	317	25,600	8,650	34,250	7,549,000	77,960,567	57,976,336	269,607
March	22	128	25	330	22,400	7,700	30,100	9,525,541	113,591,463	84,533,182	307,276
April	22	131	15	307	31,850	4,500	36,350	9,036,842	74,529,826	62,854,885	301,228
May	21	126	10	330	23,050	4,300	27,350	8,949,891	106,776,139	89,988,666	288,677
June	22	197	13	323	32,550	4,200	36,750	12,615,159	109,700,711	97,163,667	420,505
July	23	171	43	330	23,300	4,600	27,900	12,031,300	142,000,322	118,588,082	388,106
August	22	160	20	330	20,750	4,500	25,250	10,727,821	142,657,627	116,833,495	346,056
September	21	134	30	330	192,50	4,350	23,600	9,586,428	136,948,976	111,706,273	319,547
October	22	134	40	330	19,490	4,400	23,890	9,439,462	127,544,994	108,239,935	304,499
November	22	132	10	330	20,300	4,500	24,800	9,134,050	123,703,788	101,285,038	304,468
December	21	128	00	330	21,150	5,550	26,700	8,843,461	112,149,028	88,837,147	285,310
Totals	259	1675	01	326.4	281,090	65,150	364,240	115,748,320	112,094,527	91,002,630	317,064

MAINTENANCE.

As reported last year the effect of a compulsory meter system would be to decrease the receipts from water rates. This has proved to be the case as the receipts for 1897 were about one thousand dollars less than for 1896. This is probably more of a shrinkage than would ordinarily show, as owing to the wet season very little water was used for lawn sprinkling.

There were about nine million gallons less water pumped in 1897 than in 1896, which at our lowest meter rates would give an income of about fourteen hundred dollars. About four million gallons were pumped for flushing pipes and cleaning the reservoir, so the consumption was practically thirteen million gallons less for 1897 than for 1896.

Early in the year the Deane pump was taken down and examined for wear in its various parts and found in excellent condition. The cylinders were found in splendid shape and no signs of appreciable weakness could be found. Slight leaks were discovered between the jackets and cylinders due to the use of inferior gaskets, corrugated copper gaskets were used in re-erecting and no further difficulty has been experienced. The expense of this examination was borne by the Deane Steam Pump Co., as per agreement made at time of awarding the contract.

In June the pipe lines were thoroughly flushed with the pumps running continuously and as soon as the flushing was completed the reservoir was shut off, drawn down and thoroughly cleaned, the town in the meantime being supplied by direct pumping. This method of cleaning, while it entails considerable extra labor, thoroughly clears the pipe lines of fish or any foreign matter and prevents any dirt which may have accumulated in the reservoir from returning to the pipes.

In July the 12 inch flange pipe across the river at Abbott Village was taken apart and relaid. This was done none too

soon as the pipe was found almost apart at the west abutment.

The fence at the reservoir has been repainted and a wire screen put at the bottom.

The buildings at the pumping station need repainting, otherwise the works are in most excellent condition.

Respectfully submitted,

JOHN E. SMITH.

Andover, January 31st, 1898.

